AIR FURCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER-TELL F/G 4/2 40-A100 248 FROBISHER BAT, BAFFIN ISLAND, NURTHWEST TERRITURIES, CANADA. HE ---JAN 7U CLASSIFIED USAFE TAC/05-81/043 581E-AD-E850 071 *11 1 0 € 4

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DATA PROCESSING DIVISION USAF/ETAC Air Weather Service (MAC)

REVISED UNITO HELLING HERRICH SURFACE WEATHER COLLAVATIONS

UPPER FROBISHER BAFFIN IS NWT N 63 45 W 068 33 ELEV 65 FT WBAN 16603

PARTS A-F

POR FROM HOURLY OBS MAR 42-FEB 47, APR 47-MAR 48,

POR FROM DAILY OBS

MAY 48-AUG 50 MAR 42-FEB 47, APR 47-MAR 48, MAY 48-FEB 50

FEDERAL BUILDING

THIS DOCK A COLD SMAPPROVED ASHEVILLE, N. C. FOR PUBLICAGE CARD MAKE; ITS DISTRIBUTION OF COLD CITED."

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This technical report has been reviewed and is approved for publication.

Wayne E. MCCOLLOM, Chief Technical Information Section USAFETAC/TST

FOR THE COMMANDER

AWS Scientific and Technical Information Officer (STINFO)

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REPORT DOCUMENTATION F	PAGE	READ INSTRU BEFORE COMPLE	CTIONS TING FORM
	2. GOVT ACCESSION NO.		
Revised Uniform Summary of Surface I Observations (RUSSWO)- Frobisher Ba Northwest Territories, Canada	Weather y, Baffin Island	5. TYPE OF REPORT & PE Final rept. 6. PERFORMING ORG. REP	
7. AUTHOR(s) .		8. CONTRACT OR GRANT	NUMBER ()
USAFETACIÓN ORGANIZATION NAME AND ADDRESS USAFETACIÓN—A Air Force Environmental Technical A Scott AFB IL 62225	ppl. Center	10. PROGRAM ELEMENT, P AREA à WORK UNIT NO	ROJECT, TASK JMBERS
USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 29 JAN 70 13. SUMBER OF PAGES	
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17. DISTRIBUTION STATEMENT (of the abstract entered in	n Block 25, if different from	n Report)	
The following parts are missing Part A- Atmospheric Phenom Part B- Precipitation, Sno Part E- Daily Max, Min, an	ena wfall, Snow Dept d Mean Temp/ Ext	th treme Max and Min 1	remp
*RÜSSWÖ Daily temperati Snowfall Extreme snow de Climatology Sea-level press Surface Winds Extreme temperati Relative Humidity *Climatological*	epth Extr sure Psyc ature Ceil	spheric pressure eme surface winds hrometeric summary ing versus visibi (over)	
This report is a six-part statistic Frobisher Bay, Baffin Island, Nor It contains the following parts: (A (B) Precipitation, Snowfall and Snow (C) Surface winds; (D) Ceiling vers Summaries (daily maximum and minimum temperatures, psychrometric summary dry-bulb temperature, means and statement of the six of the summary dry-bulb temperature, means and statement of the six of the summary dry-bulb temperature, means and statement of the six	thwest Territori) Weather Condit w Depth (daily a us Visibility; S m temperatures, of wet-bulb tem	ies, Canada ions; Atmospheric mounts and extreme ky Cover; (E) Psyc extreme maximum an perature depressio	Phenomena; values); hrometric d minimum n versus

LINCLASSIFIED SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

- 19. Percentage frenquency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature Cumulative percentage frequency of distribution tables

 * Northwest Territories, Canada

 ** Frobisher Bay, Raffin Island, Canada
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The Period of Record (POR) for this document is:
For Daily Observations MAR 42- FEB 47, APR 47- MAR 48, MAY 48- AUG50
For Hourly Observations MAR 42- FEB 47, APR 47- MAR 48, MAY 48- AUG 50

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SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

TATION A	O ON SUMMARY	STATION NAME		LATIT	UDE:	LONGITUDE:	STATION ELEV (F	CALL SIGN.	WMO NUMBER
16	5603	UPPER PROBIBIER BAFFIE IS	B WT	N	63 45	w 068 33	65		
		STATION LOCATI	ON A	ND II	NSTRU	JMENT	ATION H	IISTORY	1
UMBER			TYPE	AT THIS	LOCATION	LATITUDE	LONGITUDE	ELEVATION ABO	
OF CATION		GEOGRAPHICAL LOCATION & NAME	STATION	FROM	TO	LATTIUDE	FOMELLODE	STATION (FT)	BAROMETER DAY
1	Crystal	k	AAF	Mar 42	Dec 43	N 63°17'	w 68°17'		93'
2	Upper Fr	obisher (Crystal #2)	AAF	Jan 44	Mar 47	₩ 63°45'	w 68°32'		54.5'
3	**		AAT	18 Apr	Apr 48	# 63°44'	w 68°22'		68'
4	**		AAF	May 748	May 50	# 63°45'	w 68°33'		681
5	11		AAF	Jun 50	Aug 50	и 63°45'	w 68°33'		65'
NUMBER :	DATE	SURFACE W	ND EQUIPMENT	INFORMATION					
OF OCATION	OF CHANGE	LOCATION		TYPE OF	TYPE OF	HT ABOVE	REMARKS. ADDITI	ONAL EQUIPMENT. OR	REASON FOR CHANGE
	Mar 42	<u> </u>		TRANSMITT		GROUND 821			
1	Jul 42	8 E Corner of Bldg #102		Abenos	wter -	62'			
2	Jan 44	North End of Operations B	ldg	"	-	601			
3	18 Apr 47	Forth End of Operations E (Old Hqs Bldg)	n	-	301				
4	May 50	North End of Operations E	ldg	7	-	30'			
SAF E	TAC FOR	Ma 0-19 (OL-1)		CONTINUED ON (REVERSE SIDE			·	

STATION NO:	STATION NAME:		LATITUDE:	LONGITUDE:	STATION ELEVET	CALL SI	GN: WM	D NO:
16603	FROBISHER BAY NWT DOT	APT	N 63 45	W 068 33	68	CYF	в_ <u> </u>	72909
l	STATION HI	STORY AND W	VIND EQUI	PMENT IN	FORMATION	ON.		
DATE OF CHANGE	TYPE OF STATION CHANGE		QUIPMENT LOCA		TYPE OF		TYPE OF RECORDER	HEIGHT ABOVE GROUND
Mar 42 to Aug 50	Frobisher Bay DOT Apt	Not available			N/A		n/a	n/A
				•				
		,						

USAF ETAC FORM 0-64A (OLI)

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

Revised UNIFORM SUMMARY of

SURFACE WEATHER OBSERVATIONS

DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER
			

A

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART A

WEATHER CONDITIONS

This surmary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain ani/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WRAN sources.)

Oust_and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION FING, USAF ASHEVILLE, M. C. 28abi

WEATHER CONDITIONS

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#1.L MONTH

PERCENTAGE PREQUESTY OF OCCURRENCE IN GEATHER COMMITTIMES.
FROM COSKLY DESERVATIONS

момін	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	" OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
34.	nEL				18.0		1 k . n	1.7	• 3	15.6		15.6	5453
FF G					19.0		19.0	5.7	•1	14.2		50° u	4510
of A in					19.6		19.6	6.3	.1	12.5	_e i3	18.9	4450
$_{\sigma} {\bf e}_{D}$			• 0		21.5		21.5	. 7	. 3	5.9	• 1	7.0	4673
· 4 v			2.7		24.0		20.4	3.6		3.2		5.6	6683
.)*:			9,4		n _{an}		16.4	5.1	•0	.1		5.2	5994
Jii ij		• (*)	15.0	, ,	•3,		15.1	0.1	• 0			*• 1	6190
V(p)			15.5		•1		18.8	7.6				7.6	6195
ş lep			12.0	.1	11.0		22.5	7.6	. 3	. 1		₽◆C	5751
1Ç1			1 . 15	• 4	24.8		27.0	2.1		3.0		5.1	5921
et. d			• "	• 1	46.8		27.0	3.0	.1	10.0		13.1	5255
HEC				•1	21.1		21.2	3,4	.1	13.8		17.2	4971
TOTALS		• 0	5.3	•1	15.7		21.0	4.7	•1	6.0	•0	10.3	65112

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MATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, 4. C. 28461

WEATHER CONDITIONS

166./3 STATION

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YEARS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF MEATHER COMMITTIONS FROM HOURLY OFSERVATIONS

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MONTH	HOURS L.S.T.:	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	°o OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA:	00-02	-			18.2		14.2	1.0		15,3		14.3	5 d 3
	03-05				22.1		1.55	1.0		14.5		15.5	540
	05=08				19.3		19.3	1.5		16.0		17.8	64R
	09=11				17.7		17.7	3.8	. 7	17.0		21.4	532
	12-14				15.4		15.4	3,4	, 6	16.7		27.8	682
	10-17				16,9		16.9	2.2	1.0	17.6		21.0	681
	10-20				17.1		17.1	• 2		17.7		17.1	550
	21-23				17.7		17.7			17.2		17.2	907
					:								
	- :		,					,					
TOTALS					15.0		18.0	1.7	. 3	16.6		18.6	5093

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WEATHER CONDITIONS

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166 3 FR MIDNER DAY NAT DOT APT MATERIAL AND MATERIAL AND

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+ F 13 MONTH

FERCE TAUL PREQUENCY OF OCCURRENCE OF REATHER COUNTYLONS FROM NOURLY OBSERVATIONS

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; ,	MONTH .	HOURS US 1	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	© OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	FF.	00-03				21.3		21.5	2.2		14.4		16.7	534
		n 3=05				14.5		24.5	2.9		14.5		17.5	514
		00-03				20.3		20.3	5.3		12.2		17.5	573
:		09-11				21.3		21.3	10.1	•2	11.6		21.0	796
		12-14		. 7		16.4		16.5	6.5	. 5	15.3		42.3	587
		19-17				13.9		13.9	ا) • ۹		15.0		23.0	588
		10=20		. 5		16.2		16.5	5.6		14.8		20.3	575
:		21-23		. 2		18.0		18.0	3.1		13.7		18.8	543
1														1
;														!
:						•								
İ					: :	ı			:					į
	TOTALS			- 1		19.0		19.0	5.7	_ 1	14.2		20.0	4510

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WEATHER CONDITIONS

166.3 STATION

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MONTH

FINCENTAGE PREQUENCY OF OCCURRENCE OF MEATHER CONSITIONS FROM HOURLY DESERVATIONS

MONIH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
. → Δ ≥	00=02				20.5		20.5	3.4		12.8		16.3	123
!	03-05				20.5		20.5	3.7		12.2		15.9	504
•	05=08				20.2		20.2	7.5		10.6		18,2	574
i	09-11				21.9		21.9	9.1	• 5	13,7		22.1	593
	12-14				26.6		20,6	7.2	, 5	14.0		21,6	587
!	19-17	,			17.5		17,5	5.8		13.6		19.4	589
	19-20				17.1		17.1	€.8		12.0	. 2	19.n	557
•	21-23				18.2		1".2	5.8		12.0		17.8	499
•													
					•								
TOTALS				: .				1	_				
IOTALS					19.6		19,6	6.3	.1	12.5	.0	18.9	4450

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WEATHER CONDITIONS

16603 STATION

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YEARS

1. PP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONTITIONS FROM MODREY ORSERVATIONS

MON'H	HOURS -LST+	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
۸ P K	00=02				24.3		24.3		• 6	9.1		9.7	536
	03-05				19.3		17.3		• *	5.1		5.9	49]
	00-08		. 2		21.4		21.6	1.1	• 3	ა,ა		6.4	621
	09=11				23.1		23.1	1.1		5,4		6.5	646
	12-14				19.6		19.6	1.1	•6	6.6	. 5	3.9	647
	15-17				18.7		18.7	• 7	, 3	5.5	• å	7.3	646
	120				21.3		21.3	• 2		4.4		4.5	573
	21-23				24,8		. 24.5	•6.	• 2	5,4		6.6	513
		-							,				
TOTALS			• 2	. ,	21.5		21.5	.7	. 3	5.9	.1	7.1	4673

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WEATHER CONDITIONS

16603 STATION FR HISHER BAY NET OUT APT

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. ZY MONTH

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
мА∀	00-08		2.7		24.5		26.6	3.3		4.1		7.5	747
	03-05		2 , 2	. •1,	27.9		29.7	4.2		3.1		7,3	7.35
	06=08		2,5	. 4	29.2		31.7	4.7		3.2		7.9	774
	09-11		2,5	. •4,	24.0		26,5	3.7		2.3		6.7	775
	12-14		1.5	. • •	20.9		22.9	2.7		2,3		5.0	774
	15-17		3,4	•1	21.1		24.0	3.0		1.9		4.9	774
	1=20		3.8		21.7		24.6	3,5		3,7		7,2	761
	?1-23		3,2	•1	22.3		25.1	3.7		4.5		A _e X	749
			-										
												÷ .	
10741	: :	:		: :	:		t t			: :			
TOTALS			7.7	. 2	24.0		26,4	3.6		3,2		8.4	6089

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DATA PROCESSING DIVISION ETAC, DANG ASHEVILLE, . C. 28831

WEATHER CONDITIONS

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONCITIONS FROM HOCKLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
والدال	00-02		17.5		10.3		22.8	5.2				3.3	750
	03-05		11.5		11.9		4,55	7.1	.1			7,2	749
	06=08		10.0		11.5		20.6	8 • A				n.s	749
	09-11		8 . 4		9.7		15.9	5.9		. 1		6.0	750
	12-14		7.3		8.8		16.0	3.2		. 4		3.6	750
	10-17		8.4	, ,	8.5		15,9	3.1	•1	•1		3.3	749
	10-20		8.0		3,3		16,0	3,5				3.5	749
	21-23		9.2		7.5		15.6	3,6				3.6	749
TOTALS			9,5	,	, 9.6		18,4	5.j	•0	 .1		5•2	5994

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WEATHER CONDITIONS

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YEARS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER COMMITTIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (LS.T)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
30%	00=02		18.3		• 5		18.7	10.5				10,6	774
	03-05		14.2		• • •		18.2	10.7				10.7	77
	06-08		13.6		. 3		13,6	11.7				11.7	771
	09-11		17.4		•3		12,4	7.6	• 1			7.8	77
	12-14	,	13.0				13.0	6.6				6.6	774
	15-17	• 1	10,3		•1,		10,5	4.4				4.4	77
	10-20		14.6		• 3		14.8	4.8				4.4	775
	21-23		19.5		•5,		19.7	8.5	• 1			8.6	77:
				,	:		1 1						
TOTALS		.0	15.0		. 3		15.1	8.1	.0			₹.1	6190

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DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

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YEARS

a∷**C** MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM FOURLY ORSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	° OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
406	00=02		17.3		•1		17.3	7.1				7.1	77?
	03-05		17.0		• 1		10.1	11.4				11.4	775
	05=08		16.0		•1,		16.1	11.6				11.6	775
	09-11		15.7				15.7	8.8				8,8	77
	12-14		13,9		•1,		14.1	5.3				5.3	77
	15-17		12.4				12.4	4,4				4.4	77
	13-20		15.1				15,1	6.2		. ,		6.2	772
	21-23		17.7		-		. 17.7.	6.1				6.1	77
										•			
TOTALS	1		15.8	• •	. 1		15.8	7.6		:		: 7,6	6195

USAF ETAC $\frac{\text{FORM}}{\text{JULY 64}}$ 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, H. C. 28801

WEATHER CONDITIONS

16603 STATION

2

FRUBISHER HAY NOT DUT APT

42-43

YEARS

MONIH JFP

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM MOURLY DRSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	° OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		10.3	. 1	12.1		22.9	7.1	. 3			7.4	720
	03-05		11.3	4.	11.3		27.7	7,5		.1		7.5	719
	00-08		11,9		11.4		22.6	10.3	. 3	. 4		11.0	720
	09-11		11.4	. 3	11.4		22.2	9.0	.1			9.2	720
	12-14		11.9		9.7		21.0	¤ _⊕ é	•6			9.2	720
	15-17		12.4		10.2		21.6	6.0	.4			4,4	718
	13=20		12.4		8.4		20.4	6,6	.6			7.1	716
	21-23		14.3		12.7		25.5	5.8	, 4			A.3	716
												•	
TOTALS	•		12.0	.1	11.0		22,5	7,6	, 3	•1		a.o	3751

USAF ETAC $^{-10RM}_{\rm EUEV}$ 64 0-10-5 (OL-1), previous editions of this form are obsolete

DATA PRECESSING DIVISION ETAC, USAF ASHEMILLE, 4. C. 88071

WEATHER CONDITIONS

16603 MOIDA FRUBISHER BAY THE DUT APT STATION NAME

2-45

YEARS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HIGHLY OBSERVATIONS

MONTH	HOURS LST:	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 'OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	°c OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
i C T	00-02		1.9	. 5	25.6		27.4	1.2		3.0		4.2	741
	03-05		2.4	• • •	26.2		20.8	1.7		4.3		5.8	744
	06=08		1.2	. 9	27.4		29.2	2 • ∷		3.8		5.5	742
	09-11		. 9	. 5	25.9		k7.1	2.6		1.9		4.5	737
	12-14		1.8	. 3	24.8		26.6	3.1		1.5		4.5	741
	15-17		2.4	. 8	24.0		27.2	2 e F		2.3		5.1	739
	14=20		2.0	4	22.6		24.9	1.4		3.1		5.1	740
	21=23		1.3	1• ⁹ .	21.3		24.7	1.5		3.8		5.3	737
TOTALS			1.8		24.8		27.0	2.1		3,0		5.1	5921

USAF ETAC $^{FORM}_{JULY | 64}$ 0-10-5 (OL-1), previous editions of this form are obsolete

DATA PROCESSING DIVISION FTAL, JSAF ASHEVILLE, 4. C. 28801

WEATHER CONDITIONS

166 3 Station

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FRIEDSHER PAY 1 AT DOT APT STATION NAME

42-49

YEARS

NONTH

PENCENTAGE PREQUENCY OF SECURRENCE OF REATHER CONSITTINGS FROM HOUSELY DESCRIVATIONS

MONTH	HOURS LST	THUNDER	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	OF OBS WITH OBST TO VISION	NO OF OBS
a) they	00-02		. 3	. 2	26.5		67.3	2.3		10.2		17.5	456
	03-05		•6		26.5		27.2	2.0		9.6		12.2	4 4 R
	05=08		• *		43.n		23.6	4.	. ?	7.1		11.3	656
	09=11		1.2	. 7	27.7		27.0	4.6	. 6	10.2		14.7	650
	12-14		• *		28.4		25.4	2.0	• 3	11.1		14.5	658
	15-17		. 2		27,3		27.4	3,5		11.1		14.7	660
	1==20		• Ć		24.5		25.2	2.0		9.2		12.1	6611
	21-23			, 3	27.3		27.6	2.0		9.7		11.7	459
							·	,					
					:		1 1	,					
TOTALS			. 5	• 1	26.5		27.0	3.0	. 1	10.0		13,1	5255

-9SAF ETAC $\frac{\text{FORM}}{\text{FIG. SA}}$ 0.10.5 (OU.1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOIDED

HATA PROFESSING TIVISITA PIACA JOAR ADMINISTER, M. C. 28801

WEATHER CONDITIONS

166.1

2

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1

FR HISTORY SAV SAT THE APT

42-49

YEARS

1.5 C.

FROM FOURLY DESCRIPTIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	°2 OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
ひをし	00-02			. • 5	19.1		19.6	3.0		13.9		14,5	# 9 3
	C3=G5			2	22.7		22.8	3.6		15.9		10.0	565
	(re=08				21.1		21.1	3.5		11.		15.2	627
	09-11				22,3		22,3	3.7	,3	9.5		13.3	656
	12-14				22.4		22.4	3.6	•6	12.2		16.5	655
	1>-17				21.8		21.5	4.3	. 2	12.4		15.0	655
	10-20			. 2	19.7		19.9	2.8		17.4		20.2	F39
	21-23				10.3		19.8	2 • B		15.8		19.6	601
		:	•	: :	,			+		,		:	
TOTALS				. 1	21.1		21.2	3,4	. 1	13,8		17.2	4991

USAF ETAC FORM 0:10.5 (OL·1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

 $\frac{A \text{ day}}{\text{less than 5/8 mile.}}$ was punched and included in this summary only when visibility was

WEATHER COMMITTONS

STATION STATION NAME YEARS MONTH

PRICE STAGE OF CAYS STIFF WILL US AT EXSTREPT PHENONESS.

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNON AND OR SLEET	HAIL	OF OBS WITH PRECIP.	FOS	SMOKE AND OR HAZE	BLOWING :	DUST AND OR SAND	OF OBS	TOTAL NO. OF OBS.
	n ILY						51.1	7, 1	3.2	25.7		37.3	1 24
	ļ				17.5		55.4	17.9	1 • A	27.1		37.3	112
			r • -	,	11.		57.0	20.4	1.1	37.4		51.5	1 ر
					11,4		, · • 9	1.)	2.2	12.2		13.2	<u>, </u>
•			• *		12.		53	8.0	• B	13.7		21	124
			٠,	, 1	7,3		53.3	15.4	ة ٔ و			15.	14
			17.5	, [52.4	25, 4				25.3	124
		i	١٦, ٦				75,8	25.0				25.1	124
			y , .	1	17.3		74.2	10.8	5.0	2.4		17.5	12.
,			•	. 4	14.9		75.6	10.5	4.8	12.9		26.6	124
					1,1		70.7	12,2		14.4		24.4	
		!			4,1		53.3	6.7	1.3	16.7		24.0	7 '
TOTALS		• !	4,,		9,3		61.9	13.7	1.7	13.7		25.4	132

1210 WS FORM 0-10-5 (OL -1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 64

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B

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- 1. The first table for each of the above presents the <u>percentage frequency of various daily amounts</u>, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- 2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations

From beginning of record thru 1945

Snow depth at 0800 LST

Jan 46-May 57 Jun 57-present Snow depth at 1230 GCT Snow depth at 1200 GCT

U. S. Navy and Weather

Bureau Stations

From beginning of record thru Jun 52

Jul 52-May 57

Jun 57-present

Snow depth at 0030 GCT

Snow depth at 1230 GCT

Snow depth at 1200 GCT

^{*} Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

HATA PROGUSSTA HIVESTOR HOAF STA AIR STAILER SENSTERN NO.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATIONS

STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PREC P	NONE	TRACE	01	02-05	06-10	11. 25	26 50	51 1 00	1.0) 2 50	2 51 - 5 00	5 01-10 00	10 01 20 0	OVER 20 00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5 1 4	1 5.2 4	2534	3 5 4 4	4564	6 5 10 4	10 5 15 4				MEASUR!	OF OBS	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.24	25 36	37 48	49.60	61.120	OVER 120	AMTS				·
JAN	4 • • B	24.	4 • 41	A • 9	fs • (t	1.0	. 4			!			!	23.	2 4 - 2	45	.54	. 4
FEB	ر. د	11.	0.1	5. \$1	6+1	3.5	• 5							24 • ¹³	1.7	. 44	1.00	. 57
MAR	47.5	3° • "	€ ₆ ()	11.1	2.3	2.3	• •							200	217	• • •	1.	
APR		3 ()	3 g (:	10.0	5.0	2.2	1 . 7		: 	i				1,64	1 0	•51	1.2"	. 17
MAY	د و 1	43.4	3 • ₹	7.7	5.4	2.9	1.0	• 7		!	<u> </u>			4.4	- 15	. /4	1044	•13
NUL	5 · • ·	•	4	7	3.3	7.1	3.0	1.1	<u></u>	! 	<u> </u>	1		3 . 3	> /^	•91	1 . 3	. 13
JUL	4.7.7	.:• 1	4.5	1.00	7,4	7.5	. ,,6	1.4		i	i •	<u> </u>		20.1	219	1.30	2.92	• 31.
AUG	3 .	2.01	3.4	13.4	7.5	1004	.,5	4.5	• •	<u> </u>				30.4	279	1.11	. 20 14	. 75
SEP	21.	31.1	3,3	11.1	3,4	5,4	٠,	2.5	1.	İ	!			37.6	241	1.90	4,55	• 10
ОСТ		3°	0.3.	14.7	7.	5.1	2.5	4	1		!	ļ		37.8	217	1.14	14.64	. 13
NOV	24	ه ۱	5.	13.3	0.7	5,4	ذه ۽	• 3				!		33.6	240	, 4 5	12.11	. 27
DEC	45.5	510	1.0	14.6	3.2	1.0	. 5	. 5						20.9	144	, 51	.91	.14
ANNUAL	30 a 1	34.41	ם, כ	10.5	5.2	4,4	7.1	• •	• •					24.7	21133	11.14	\geq	><

1210 WS JUL 64 0-15-5 (OL() PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION IFROM DAILY OBSERVATIONS

16603

FRUBISHER BAY NAT DUT APT

42-50

24 HOUR AMOUNTS IN INCHES

YEAR	iAN	FEB	MAR	APR	MAY	NUL	JUL.	AUG	SEP	OC1	NOV	DEC	ALL MONTHS
42 44 43 45 45 47 46 49	,01 ,06 ,10 ,11 ,15 ,22	.09 .13 .02 .22 .06 .32 .15	102 .07 .14 .11	10 10 10 10 10	1440 8 3 0 0 2 2 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	097 -425 -147 -232 -532 -538	+52 +29 +12 1+14 +19 +63 +53 +20 +33	.26 .20 .62 .42 .97 .31 .77 1,08	.31 1.44 .06 .45 .74 .54 .64	.05 .17 .18 .90 .63 .31	.26 .09 .28 .12 .60 .12 .70 .44	.08 .45 .06 .20 .02 .75 .05	1,44 .80 1.14
-		•			•			•				•	-
-										•		*	-
: !		•									- •		
:	•	-			,								
											·	-	
										4			
_				,						4:		-	
-	•									4.		•	
								+		‡			
-	•	-		٠		- -	÷		- · · · · ·	+	•	+	
MEAN S D TOTAL OBS	.14 .094 248	.15 .104 198	.14 .123 217	.20 .136 180	.27 .252 279	.227 270	.44 .316 279	.34 .331 279	.67 .448 240	.47 .288 217	.33 .231 240	.27 .281 186	1.13

USAF ETAC HORM 0-88-5 (OU)

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/FAC

EXTREME VALUES

PRECIPITATION FROM DAILY OBSERVATIONS

16603

2

PRUBISHER BAY NWT OUT APT

42-50

YEARS

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN PULL MONTHS/

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
4.			TRACE	TRACE 20						.05 28			PRECIP
46		,									•	13	PRECIP
47				TRACE 24						•	•		PRECIP
43		.15 27		57 .								10	PRECIP
													. –
							. ,	,					
_													
											·		-
											·		•
				•						•	•		*
	,			•					•	•	- •		•
-	•	•		•						· •	•		-
*		. ,		•	•	•	•			•	•		-
-		•		•	•		•				•		
MEAN "				ı	:				•				• ±
TOTAL OBS			•	•			•		• • • • •	•			•

USAF ETAC FORM 0-88-5 (OLI)

MATA POLICESSEM PIVESTON MEAN FETT OF SECULOR/100

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SEMAPALL (FROM DAILY OBSERVATIONS)

160 5 GEORGE RAY ST. DET APT
STATION
STATION

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.0205	06-10	.11 25	26- 50	.51 1.00	1.01 -2 50	2.51-5.00	5.01-10.00	10 01 20 00	OVER 20.00		TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2534	3 5 4 4	4 5-6.4	6 5-10.4	10.5-15.4	15 5 25 4	25 5-50 4	OVER 50 4		OF OBS	MEAN	GREATEST	IFAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37 - 48	49.60	61-120	OVER 120	AMTS		<i></i>		
JAN	55.5	27.7	¥:	7.7	1.5	, , , ,		_						1 0 . 7	155	3.7	5,2	2./
FEB	93.1	2 ≥	11.5	6.2	3.3	1.4	, 2				•	1			113	6.1	11.0	1.0
MAR	44.4	ه. د د	10,5	6.5	ۇ، ر	1.0			• 4					Z • • 2:	124	٠, 1	15.4	2.5
APR	40.0	3t•i	14./	7.7	2.2	2,2								3.3	-141	5.5	к, 9	3.4
MAY	43.9	4	∂ • 4	3 . 4	• 6			k . 3						13.5	155	5 , د	11	. 3
JUN .	61.3	25.3	5,5	ذ و ا	. 7								<u> </u>	7.3	150	1.1	4.0	rhaci.
JUL	98.1	4.0	I												1,55	PAUL	haci	•6
AUG	80.1	•	⊕ €a	• *>										1.3	155	. ĉ	1.1	ز∙ و
SEP	5	25.	الا و ١٠	17	3.3	• 6	• 4		• ;					15.8	120	P+6	10.0	rauce
ост	25.0	31.1	17./	12.3	2.4	, 5	4		• 4					37.1	174	11.2	16.7	6.1
NOV	2: .3	3 , 5	15.0	15.4	4.7	1.7	. 8	, s	• 11					39.2	120	13.7	20.3	3.1
DEC	41.9	44,0	9.1	1.0	1.0				1.5					14.5	62	5.4	5,5	1. ,
ANNUAL	54.9	20.5	9.1	5.3	1.7	. 8	, 4	• 2	• 4					18.6	1343	63.7	\times	\times

1210 WS JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISIUN USAF ETAC AIR WEATHER SERVICE/MAC 2

EXTREME VALUES

SNOWFALL

IFROM DAILY OBSERVATIONS

10603

FRUBISHER BAY NWT DUT APT

46-50

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	וטנ	AUG	SEP	OC1	NOV	DEC	ALL MONTHS
42 43 44 45				•						٠		*	
46 41 48 49	1.0 1.1 1.3 2.2	3.5 3.2 1.5	1.4	4·4 3·2	.7 .2 1.8 5.4	TRACE	TRACE TRACE • 0 • 0	.0 .0 .0 TRACE	8.4 ,5 TRACE 2.3	1.1 2,3 3.5 7.4	1.7 7.0 4.4	7.5	
5 0	3,2	2.0	1.6	3.0	. 0	•1	• 0	1.0		•		- ·	
**	•	- •			•		٠	•		•	•	*	
-	•		•	•	٠		•					-	- · · -
	•							•	-				
												*	
-		•					4		4 -				
							,					i,	
-	•	•	•	•	•	•	•	•	•	•		 	
-	•	•				:	,		•	•		- 4	
-						•	. 1	+ 4	-+ -		*		٠
-					•			1		. 4			
								+					
							1					ı	
MEAN	1.80 .914	2.33 1.320	2.80 3.014	2,53	1.78	1.017	TRACE	.20	2.80	3,38	2,313	4.00	
TOTAL OBS.	155	113	124	90	133	130	155	155	120	124	120	62"	1523

USAF ETAC HORM 0-88-5 (OLI)

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

16603 STATION

2

FREBISHER BAY NWT DUT APT

YEARS

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT.	NOV	DEC.	ALL MONTHS
41			0	0	0	Ö	0	0	0	. 0	0	0	SNOFALL
43		•	. •		U	. •	. •	. •	. •	. •	. •	. •	SNOFALI
7-	0	0	0	0	0	0	0	0	0	, Q.	. 0	0	DAYS
44								,	•		•		SNOFAL
	0	. 0	. 0	. 0 .	٥	0	0	. 0	. 0	. 0	. 0	. 0	DAYS
45	_	_	_	_	_	_	_	_	_	_	_	_	SNOFAL
46	<u>O</u>		. 0	. 0 .	Ò _	0	0	0	. 0	. 0	0,_ ,	0	SNOFAL
4 0												13	DAYS
47	-		•	TRACE				t	4	•	•		SNOFAL
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49		1.5						•	•	•	•	12.0	SNOFAL
		27						-+		4		10	DAYS
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50			-			,		•		1			i
OTAL OBS													i

USAF ETAC FORM 0-88-5 (OU)

MATH PROPERTY SEE THE AC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF STORY (JAPA) (FROM DAILY OBSERVATIONS)

THE STATION STATION NAME STATION NAME YEARS

	AMOUNTS (INCHES)											PERCENT	NT	MONTHLY AMOUNTS				
PRECIP	NONE	TRACE	01	02-05	.0610	.1125	.2650	.51-1.00 4 5-6.4 13-24				25.5-50.4	OVER 20.00 OVER 50.4 OVER 120		TOTAL NO.	(INCHES)		
SNOWFALL	NONE	TRACE	0.1-0 4	0.5-1.4	1.5-2-4	2 5-3 4	3 5 4 4							MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	١	2	3	4.6	7-12			37.48	49-60			AMTS				
JAN	!					14.5	<u>ئ</u> د	ن ۽ قبم	3.2					100.0	243			
FEB						14.1	30.4	61.5	15.7	• >				100.0	1,9%			
MAR	i		İ				á1.5	47.8	30.7					100.0	16			
APR					12.3	10.6	9.4	45.7	10.5					100.0	1.0			
MAY			• 1	1	3.2	10.5	211.0	29 ₊ 8	11.7	3.5				9.00	2 41			
JUN	50.1	17.	1.3.3	7.7	2. •	3,3	1.0							2: 1	210			
JUL	9	•	2.9											Z • 9	274			
AUG	1 00.0			:											213			
SEP	71. , 3	11.7	4.6	e • }	1.7	2,3	1.3			-				12.1	240			
ост	1.4	21.5	14.4	24.0	18.4	12,4	ودو	7.1						14.3	217			
NOV				5.7	2.4	57.1	22,9	7,9						100.0	240			
DEC						40.6	42.4	17.1						100.0	217			
ANNUAL	25.1	5.9	3,4	4 . ()	3,9	13.9	10.7	17.0	0,9	. 4				68.2	2742		\times	\searrow

1210 WS JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNUW DEPTH

16603 STATION

FRUBISHER BAY NWT DUT APT

42-50

DAILY SNUW DEPTH IN INCHES

MONTH PABY	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
42 43 44 45 46 47 47 47	12 11 12 18 19 14	5 1 d 8 21 29 37	20 10 24 30 28 15	16 18 25 31	10 15 24 31 30 47 18	1 2 4 4 TRACE 2 7	O O O TRACE TRACE	0 0 0 0 0 0 0 0 0	TRACE	3 7 3 24 4 10 13	6 8 4 17 6 10	7 12 10 9 20 15 7	7 6 5 0
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MEAN	13.0 6.6121 248	18.4 1.603 198	7.703	18.8 9.1091	22.1 4.053	2,340 210	.333 279	.000 279	2.5 4.000 240	9.1 7.559 217	9.8 5.418 240	4.721	274:

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

16603

2

FRUBISHER BAY NAT DUT APT

42-50

YEARS

DAILY SHUW DEPTH IN INCHES /BASED UN LESS THAN FULL MONTHS/

MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
4.2			0	0	v	ý	O		•	13			SNU DPTH
43	•		0	•		-		•	•	. ==	•		SNO DPTH
46						Q		•		•		•	SNO DETH
47				31 11		. •	•	•	•	•		_	SNO DETE
4 7		27 27								-		30 10	SNU DPTH
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MEAN "				4			deserved e	<u>+</u>	<u> </u>	<u> </u>		e	# ************************************
S D TOTAL OBS.				Ī			•	·		# -	·		-

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

16603

FRUBISHER BAY NET OUT APT

DAILY PEAK GUSTS IN KNOTS

MCINTH AR	:AN	* F B	MAR	APR.	MAY	JUN	JUL	AUG	SEP	oct.	NOV.	DEC	ALL MONTHS
4 ·													
44													
45 40	41	51		•		-				•			
47		-1				-							
40 50	S	43	•										
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TAL OBS	31_	25						·			· · · · · · · · · · · · · · · · · · ·		

USAF ETAC 1000 0-88-5 (OU)

DATA PROCESSING DIVISION ETACA USAF **SURFACE WINDS** ASHEVILLE, I. C. 280CI PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 16603 FROBLISHER BAY SWT DUT APT 42=50 L L MONTH ALL WEATHER 44 LL HOURS -LST TONDITION 22 27 BH 7 .0.0 9.5 9.3 NNE 1324386311 .0 Nξ • 0 ENE • 0 ESE SE SSE HIT 55W SW wyw W 1.0 1.5 .0 .0 WNW • Q • O NW NEW VAPBI 13.4 12.5 10.3 22.0 18.6 6.6 . 1 , Ç 100.0 65102

Ť DATA PROCESSING DIVISION ETAC. USAF **SURFACE WINDS** 2 ASHEVILLE, .. C. 28001 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 10003 FRUHTOMER MAY NAT DUT APT 43-50 MONTH A 1.14 ALL STATER ALL HOURS IS COMPITION SHEET-KNIS OIR MEAN WIND SPEED 1351 • 1 12.7 10.0 NNE 1.1 ********* • 0 .0 ENt 13,1 • U 10.2 , Ų . 1 • 0 4,3 ٠ŕ • 1 Inf 550 *.W .0 W • 5 • 2 •1 1•8 1•9 9.5 12.6 14.7 NNW 3,4 2.1 • 6 , 3 •1 NW v ARBI 19.3 12,7 13,0 15,7 16,0 2,9 100,0 10,0 5090

DATA PRICESSING DIVISION ETAC USAF **SURFACE WINDS** ASH VILLER .. C. RANGI PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 FROM HOURLY OBSERVATIONS 166 TERRITORS SAV SUT OUT APT ¥ 1 3 43-50 VONTH ALL MEATHER ALL 10N: (FON SPEED KNIS OIR MEAN WIND SPFED : 3 7 10 22 - 27 4 6 11 16 17 21 1111 13.2 Ν 2.3 1.0 • 0 7.4 .4 • 1 NE 1.3 .1 6.4 1.0 ENE • 1 . 2 . 5 . 3 . 4 . 1 F • 1-• 8 • 4 • 4 . 1 ESE . 2 SE 1.0 1.6 •0 SSE • 3 6.4 0.9 •0 nif . 0 . 0 SSW .1 SW WSW . i . 7 3 . 3 .i .5 2.1 1 2,1 A. 11.7 11.5 14.7 . ປ . ສ NNW NW NEW APRI 24.1 CA,M 14.9 12.9 14.7 12.0 H.0 8.3 2.0 1.2 100.0 H . II TOTAL NUMBER OF OBSERVATIONS 4400 1 USAF ETAC TO BE STOL 1 PRESCRIPTION OF SOCIETY AND INFOREST

ALL SATTIFN (1885) TONE TION SPEED SATTIFN (1885) TONE TION T	i t	PATA RRIG ETAC, USA AGHEVIELF	F					DIRECTIC	N AND	CY OF W SPEED ERVATION			SUI	RFACI	E WIN	DS
SPEED			ears,	ants sa	V 3 4 T	PET A	PT		47-4	6,49-5		YEARS				Д2 мом'н
SPEED NATS: 1 3 4 6 7 10 12 16 17 7 7 77 77 78 13 34 40 41 47 48 55 ≥ 56 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								ALL SE	ATHER ASS						;; ++C	LL 5185-151
MAITS 1 3 4 6 7 10 11 16 17 2 72 72 72 88 33 34 40 41 47 48 55 ≥ 56								CONC	NEIT							
N 1.5 1.7 1.7 2.7 2.1 2.1 .3 .2 .7 .) 173.0 14 NNE 1.6 .3 .9 .9 .0 .2 .2 .0 .0 .3 .5 .6 ENE .4 .3 .2 .2 .2 .4 .2 .0 .0 .1.6 12 ESE .4 .5 .4 .4 .1 .0 .0 .5 .1 .1 .6 .0 .0 .0	•		KNTS:	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	Ģ	MEAI WINI SPEE
NE 1.0 .6 .9 .0 .2 .2 .0 .0 .0 .1.6 .12			7							• .3	• 2	. ?	•)			14.
ESE			NE	L o G	• 4	. 9	. 0	• 2	• 2	•0	- 0				3,5	8. 12.
SF 1.8 1.1 9 1.3 1.0 9 1.1 1 6.0 10 SE 7 6 2 4 1 2 1 0 2 1 0 2 2 3 9 S 7 7 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0			ť	ي و	, 5	, y	1.1	. 3			. •0				3.8	ić.
S			SF	1.5	1.1	• 9	1.3	1.0		• i					6.9	10. 9.
NSV 1 1 1 2 1 1 1 1 1 6 11 6 11 7 1 1 1 1 1 1 1 1 1	_		5	• 1	.7	. 1	. 1	.0		. • A	. •0	•			1.7	4.
V	Ī		5W	• 2	.2	. 2	• 1	• 0	.0						. 3	11.
NW 2.7 2.8 4.3 4.4 1.7 1.0 .2 .0 .15.5 15 NNW 1.4 1.3 2.1 3.8 2.9 2.5 .9 .3 .0 .15.5 15 ARBI CAIM 14.6 13.0 13.0 15.2 9.3 7.1 2.2 .7 .2 .0 100.0 5			w	• 0	. 5	. 5	. 4	1							2.1	7.
14.6 13.0 13.6 15.2 V.3 7.1 2.2 .7 .2 .0 100.0 5			NW	2.7	2 . B	4.3	3.4	1.7	1.0	.2	.0	0			14.3	10.
14.6 13.0 13.6 15.2 4.3 7.1 2.2 .7 .2 .0 100.0 5			. ARBi		···	~	~	~		~		· · · · · · · · · · · · · · · · · · ·	~			• •
TOTAL NUMBER OF OBSERVATIONS			(AIM	14.6	13.0	13.6	15.2	٧.3	7.1	2.2	.7	.2	.0		~	5,
												TOTAL NU	MBER OF OBS	SERVATIONS		444
	ŧĭ										•7			SERVATIONS	•	
				USAF ETA	C 10fw (0-8 5 (OL 1-)	PREVIOUS FOILION	AZ OR THIS FOR	M ARE OBSOLET	f	-					
USAF ETAC PULLAR 0.8.5 (OL 1) PREVIOUS EDITIONS OF THIS LORM ARE OBSOLETE									2 yr. •*							

ETAC: US ASHEVILL		C. 2880	1116			DIRECTIO	ON AND	CY OF W SPEED ERVATION			SUI	RFACI	E WIN	DS
16503	FACE.	15 TH 4	n∀T	f B	PT		42=4	7,49-50	ט	YEAD'.				₽K MON1H
						ALL OF	ATCES.							L L URS 1, 5 t
						10%	ימיסי.							
	SPEED KNIS DIR		4 .5	y 19.	3 1 - vy	17 21	27 21	28 - 33	34 40	41 47	48 55	≥ 56	Ą	MEA WIN: SPEE
	NNE	1.4	1.6	d • b	3.3	1.5	1.5	• 3	•1				12.7	17.
	NE NE	. 4 . i . i	1.0 2	1.0	• 1	• 1 • 2 • 1	• l • i	1	.1				1.5	11
	E E SE	. 5 . 4	,7	. 8 . 7	. ស . ថ	. 1 . 2	• 1	• 1	• 1				2.9	9.
	SE SSE	1.0	1,8	د. <i>د</i> 8	1.5	6	. 4	• 4 • 1	. i	• 0			. H. 4	1.
	5× W	1.8	1.0	. 6 . I	4	.0	•1	0	.0				1,1	7
	3W WSW	9	.3	. 3		0	.1	•0					1.6	6.
	N ANN		. 6	.6	. l . 9	. 1	• 4	•0	•0				2.0 3.5	10.
	MMM	1.4	1.8	5.0	4.4	2,0 3,1	. 7 . 2	.1	•0				15.1	11.
	VARBI CAIM			^	^ <i>></i> /	<u>~</u>	الماري <mark>ي</mark> المارية		< /	~ /			16.5	
		12.1	13.2	20.9	19.3	9.2	5.0	1.5	.5	•0			100.0	9,
										TOTAL NU	ABER OF OBS	SERVATIONS		407

-

ETAC, 05 ASHEVILL			IVIS 2860	-			NTAGE F DIRECTION DIM HOUF	ON AND	SPEED			SUI	RFACE	WIN	DS
16605 320 A	FKTB	\$ 596	្ត ខ	Tati VA	LUT A	PT		42=5	o.		YEARS				4 Y MONTH
							ALL »F	ATHER ASS						شه	LL URS 15
							CONI	NOITION							
	SPEED KNTS- DIR	1	3	4 6	7 10	11 16	17 21	22 27	28 33	34 4 0	41 47	48 · 55	≥ 56	G.	ME WII SPE
	7	. 1	Ĺŧξ	. 8	1./	1.9	. 9	وو						4.9	11.
	NE		3	1.1	1.1	5	• 1	.0	• **	•0				3.9	, 5
	ENE E		• ?		1.0	1.2	• 5	. 3		.0				2.3	12.
	E S E S E		. 4	2.8	3.7	2.5	1.1	. 1.0	.3	.0	*			13.2	11
	55E 5		loë Loë	1.4	2.2	2.0	.3	1	. •1		*			9.5 5.2	107
	55W 5W	1	ا ج ایجا	6	2	,1	• 1 • 0				•			1.7	. 7
	wsw w		. 3	1.0	. 2	• 1	•1	.1	1	1				1.0	7
	NW.		• 4 • 6	1.6	3,4	,9 5,1	2.1	1.1		.0				14.0	12
	NNW VARBL	_	ن ن	9	3.1	ું 3. દ	2.1	1.4	. 3	0				12.5	13
	CALM	\geq	~	\sim	><		> <.	><	><	\rightarrow	,><<	,		11,8	
		11		14.2	22.1	22.0	10.4	D . 5	1.2	. • 4	TOTAL			100.0	9,
											TOTAL NUM	ABER OF OBS	ERVATIONS		60
		U:	SAF ETA	C 101 64 0	8-5 (OL 1) P	REVIOUS EDITION	NS OF THIS FORM	M ARE OBSOLET	i						
 T		~													
							4								

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	ASHEVILL	1 F	S DIVIS									SU	RFACI	E WIN	DS
		,		•			NTAGE F DIRECTION DM HOUF	DN AND	SPEED						
	16693	FR081	[इल धुक त	AV NET	TOT A	Tq		42-5	o		YEARS			J	LN MONTH
							ALL WF	ATHER IASS							LL JURS 15
							СОИ	DITIÓN							
		SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 - 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56	~	ME WI
		N NNE		1.0	2.3	1.8	• 7	, 9	. 2					7,4	SPE
		NE ENE	•1 • # • 1	.6	1.0	.7	, 1 , 3 , 1	•1	. • 5					1.2	10
		E ESE	٤	5	1,0	. d	.3	.2	. 1 . 1					7.1	
		SE SSF	2, V 1.0	5.3 3.9	6.3	3.3	.3	. 1	• 1	• 1				19.2	9. 7.
		5 55W	1.6	2,3	2.4	.8	.2	.0						7.1	7.
		SW WSW	. 5	1.0	.7	4	•0	•1	• 0		•	•		2.9	10
		WNW	• 1 • 6	,5	1.0	6 . 6	•1	•1				-		3,2	τ υ
		NNW	1 4 d	1.2	4.4	0 <u>.</u> ق ۶ <u>.</u> ف	2.0	1.5	•1	•0				12.8	10,
		VARBI (ALM	<u> </u>		<u></u>			><	><	><		~		9,9	
			11.8	19.7	29.6	19.4	6.3	3.7	. •5	•1				100.0	8
											TOTAL NU	MBER OF OB	SERY.ATIONS		390
			USAF ET	AC	0-8-5 (OL-1.)	PREVIGUS FOITH	INS OF THIS FOR	M APL OBS/NET							
}							-								
							- 17	4.							

€,

ı	ETAC, "ISAI ASHEVILLE		, 48 901				NTAGE F DIRECTIC DM HOUR	ON AND	SPEED			SU	RFACI	E WIN	DS
	16603	FP1615	SEFE BAY	TANT STATION	DOT A	PT		42 - 5	o		YEARS				1 L MONTH
							ALL ME	ATHER ASS							URS 151
							CON	NOITION							
•		SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 - 27	28 33	34 40	41 47	48 55	≥ 56	94	MEAN WIND SPEED
		N	• G	. 6	1.0	1.4	• 7	• 3	• i	0	*			4.8	12.0
		NNF	• 2	. 4	,4	3	• l	• 0						1.5	8.3
		EN F NE	. 3	. 3 . 2	.3	. 3	• 1	•0						" Î,ô	10.5
		E	9 Č	• 5	. 0	S	ž	• 0					•	1.5	9.7
		ESE	9.3	. 4	, ä	4	• 2	• 0						2.0	9.0 8.9
		SE SSE	2.0	3.5 5.5	4.5	2.7	1.0		•1					13.5	8.5
		225	2.0 1.9	3.4	3.3	î.j	4	. 2						10.4	7,
r		SSW		. 3	1.0	. 4		• 1	• 0					3.4	7,5
		SW	• 5	1.6	. , 9	. 2			•					3.7	5.6
		wsw	7 5	.7	, 6	. 3	- 1	0 .0						2.5	7.7
		WNW	1. 6	. 5	. 7	. 5	į			•	•		•	7.9	7.8
		NW	1.3	1.2	1.9	2.7	1.1	. 6				*		7.0	11.
		NNW	1.6	1.3	2.5	3.0	1.6	.7	. 3	• 0		•		<u> </u>	11.
		VARBL CALM	\	<u> </u>	~_	\	\	\	~_	\	\	~	_><	12.5	•
		gen.	14.4 2	1.3	24.4	16.5	6.8	3.5	,,	.0	•		· · · · · · · · · · · · · · · · · · ·	100.0	: P _# (
											TOTAL NU	MBER OF OB	SERVATIONS		6196
ť															• •
			USAF ETAC	FORM (0-8-5 (OL-1) P	PREVIOUS EDITIO	ONS OF THIS FOR	M ARE OBSOLET	TE						
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	1						4	سيوند : موند د							
	1							. •							
	1														

DATA PRUCESSING DIVISION ETAC: USAF SURFACE WINDS 2 ASHEVILLE, M. C. 28871 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) FRIELS LER PAY NET DUT APT 10003 42-50 MONTH YEARS ALL WEATHER ALL HOURS LST MEAN WIND SPEED 1111 10.7 7.1 7.2 • 3 • 1 ٠Q ENE ·1 ·2 ·2 ·3 ·3 ·1 ·0 ٠Ü 10.0 £S£ • Q 8.0 7.3 6.9 8.7 7.5 9.9 10.7 SEW Int .0 SW W5W • Q w 1.1 3.7 •1 •1 •2 WNW .0 2.5 13,5 NW 11.1 • **7** 21,2 20,3 17,4 • 1 100,0 8,3 TOTAL NUMBER OF OBSERVATIONS 6196 USAF ETAC FORM DE 64 0.8.5 FOL 1- PREVIOUS FURTURES OF THIS FORM ARE DESCRETE

DATA PREFETAC, US. ASHEVILL	ΔF					DIRECTIO	REQUEN ON AND RLY OBSE	SPEED			SUR	RFACE	WIN	DS
16603	FROBI	ISHER B	TWA YA	DUT A	PT		42-4	9		YEARS			3	F P MONTH
						ALL WE	ATTER						Д HC	LL SURS 15"
						CON	DITION							
	SPEED KNTS: DIR.	1 · 3	4 · 6	7 10	11 16	17 - 21	22 · 27	28 33	34 - 40	41 47	48 · 55	≥ 56	ą	MEAN WINE SPEES
	N	 . • 6	1.7	2.1	1.9	. ,5	, 7	, 3	2				8,3	11.5
	NE		1.Ŏ	6	. 5	, <u>, 1</u>	. •0						2,0	7.7
	ENE	ذَ إِ	. 3		, 2	, 1	. ••						1,1	7,5
	E	. 12	. • 9	1,3			. •?						3,1	. 8.
	E S E S E	1.0	1.9	3.2	2.2	. <u>9 1</u>	, 1						2,3	9.1
	SSE	1.6	2.0	2,6	3,1	1.3							11,3	10.9
	\$ \$\$W	1 1 1	1.7	1,5	1+6	. •6	. •3	. •0					619	9.
	5W		1.0	9	. • 4	0	0	0	•				3,2	7.
	wsw		. 5	. 5	. 3	, 2	, 2				, , 0		1,9	10.6
	wnw	• 3		1.6	1.0	3	0		.0	•			314	12.
	NW	7	4.0	4,3	3,5	1.2	. 9	• 1	Ö				12.8	11.4
	MNM	. 7	1,0	3.4	3.5	1,9	1.3	6	. 12	•			13,3	13.
	VARBL CALM	><	~	~		><	><	><	~			><	10.6	
		10.4	17,5	25,4	21,3	8,2	5,0	1.2	5	· ·	0		100,0	9,
										TOTAL NU	MBER OF OBS	ERVATIONS		5756
		USAF ET	AC FORM	0-8-5 (O(-1,)	PREVIOUS EDITION	NS OF THIS FOR	M ARE OBSOLET	E						

ETAC) US Ashevili			1 ~ ~ 1			NTAGE F DIRECTION M HOUR	ON AND	SPEED			SUI	RFACE	WIN	DS
16663 STATION	FR::61	५ ५६३ ७	AY ATT	MIT A	PT		42-4	ī,		YEARS				F T MONTH
							ATTER ASS						ь. Он	LL UPS 1
						CONI	MOITIGN							
	SPEED KNTS: DIR	1 3	4 6	7 - 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 - 55	≥ 56	æ	M W SF
	N	9	1.4	2.2	2,0	1,3	1.3	3					10.4	13
	NE	د. هو	1,2	1.9	1.2	· 1	6. S.	. •0					5.5	
	ENE .	. <u>•</u> ∠ 5	1,3	1.1	د. اول	• 1 • 4	• i	• 1	•1	.0	1		3 ./·	11
	ESE	. 3	. 3	1.2	1.1	6	1.4	. 3	•1				5.1 12.3	12
	SE SSE	. 4	1,6	. 9	1.2	, 7	.6	• 1					4.4	12
	s ssw	3	.6	5	. 5	. 4	.3	1	•0				3.2	1
	SW	• B	. 6	. 9		, , 1	• 0	• 0					2.4	
	wsw w	• 2	1 .	• 3 • 8	. 4	4	. 2	1				-	3.2	1 1
	WNW	. 4	. 0	1,3	1.2	. 6	. 2	• 1					12.4	11
	NNN	1.3	1.5	3.7	3.9	1.1	1.1	• 2					14.2	1
	VARBL	<u></u>	~_ ,-	· ^				<u></u>	· 		· 	`	6,3	
	(ALM	A.1	15.1	27.4	22,3	10.0	8.0	1.7	,4	•1	.1		100.0	
		4 6 1	1 10 9 1	6134	6603	10.0	₩.	***	. , , ,		ABER OF OB	SERVATIONS	10010	
										TOTAL TOTAL	NOCK OF OU	ack thin on to		۵'

USAF ETAC $\frac{r_{ORM}}{\mu_{H}} \frac{\delta_{A}}{\delta_{A}} = 0.8.5 \cdot OE(1)$ previous editions of this form are obsolite

	ETAL) USA ASHEMILLE			:T :Iuv		PERCE	NTAGE F	REQUEN	ICY OF V	VIND		SUI	RFACE	WIN	DS
i							DIRECTION HOUR	DN AND	SPEED						
	16603 Station	58.261	د الإرائ	AV NAT	11-1 A	PT		42=4	4		1FARS				, 'V MONTH
							ALL WE	AT I K							LL JURS LIT
							CON	DITION							
1		SPEED KNT5 OIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	9	MEAN WINE SPEEL
		N NNE	1.3	1.5	1.7	2.7	1,7	1.2	• 3 • 0	•1	•0			10.7	13.0
		NE ENE	7	1.5	1.6	1.1	2	.2	.1	.0				5.1	12.4
		E ESE	• 2	• B • 7	2.3	2.5	1.0	.7 .00	. Z . 3	•1	.1	• 0		7.3	14.
		SE SSE		1.2	2.2	1.5	1.4	9	2 . ک	• 1 • 1				10.2	12.
r		5 55W 5W	• 4 • 4	.2	.2		• 1 • 1	.6		•0				1.2	13.
		wsw w	i	• 1	. 2	.2	. i . i							7 1.5	II.
		NM	1.7	2.5	4.0 2.5	2.8	1.0	• 2	. 3					2.8 12.2 13.7	11.4
		VARBL CALM	٠,٠	~	~	3.0	2.3	1.7	. •6	1				7,7	174
			4.4	14.0	21.3	23.1	11.3	9.0	2.5	.7	• • •	.0		100.0	11.4
											TOTAL NUA	ABER OF OBS	ERVATIONS		2232

DATA PROCESSING BIVESION ETAC, USAF **SURFACE WINDS** 2 ASHEVILLE, N. C. 20001 PERCENTAGE FREQUENCY OF WIND ŧ DIRECTION AND SPEED 1111 FROM HOURLY OBSERVATIONS) 16603 42-49 S F C MONTH ALL WEATHER ALL 1331 14.7 N∿F 10.6 .0 1.4 35.4 ٠.٨ 1.6 3.3 17.6 12.9 ٨ 6,9 ANN 10.0 12.8 NW NNW 13.8 2.9 100.0 9,5 TOTAL NUMBER OF OBSERVATIONS 4988 USAF EFAC = 10.000 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL FEAT IFE CONDITION CONDITION SPEED CONDITION SPEED CONDITION SPEED CONDITION SPEED CONDITION SPEED CONDITION Note 1.0 2.0 2.0 1.0 1.0 1.7 21 22 27 28 33 34 40 41 47 48 55 2.56 9 11.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	ł	ETAL, USI ASHEVILLI		. 2 8an	1			DIRECTIO	ON AND	CY OF V SPEED ERVATION			SU	RFACE	WIN	DS
ALL MEAT HER (1485) CONDITION SPEED (1485) (158) N		16603	FRUBI	ishen g	4V 11947 STATION	1311T A	PT		43-5	0		YEARS				A /4 MONTH
SPEED NNTS 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 ≥ 56 9 N															0000	
N 1.3 2.2 2.1 2.2 1.6								CONE	MONTION							
N 1.3 2.2 2.1 2.7 1.0 .9 .9 .3 11.7 1 2.2 .9 .7 .2 19.9 1 NNE			KNTS	1 3	4 6	7 10	11 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 55	≥ 56	cş.	MEAI WIN[
T	_								• 9	. 9	.3				11.3	SPEE
T				1.9		• 9		1.4	. 1			• 2			15.1	11.
SE 1.4 .2 .5 .7 .7 .3 .3 .6 1.7 .5 .5 .2 .3 .2 .3 .2 .3 .1 .1 .1 .5 .1 .5 .1 .5 .2 .2 .3 .2 .2 .3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2				• 5		1.0	. !	. 7		٠ ,	2				4.1	15.
SSW .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2					. 2	. 5	. 7	. 7	. 3		_	_			3 . 5	12.
SW	_			• 4		5	. 5				. 2	. 3			1.5	16. 10.
WNW	T		sw		. 3	. 3	• À	• 2		•					I • Ġ	6
NV 1.1 2.1 4.6 4.5 1.7 2.2 .9 .7 .2 19.9 1 NNW 1.1 .7 1.4 3.4 1.0 1.7 .9 10.1 1 VARBL CALM 13.7 13.6 16.1 10.5 U.1 7.4 2.7 1.9 .9 100.0			w	. 9	, 5	. 3	ۇ .								2.1	3.
13.7 13.6 16.1 16.5 U.1 7.4 2.7 1.9 .9 100.0			NNN	. *21	2.1	4.6	4.5	1.7	2.2	.9	. 7	. 2			19.9	17.
				<u> </u>		<u> </u>	> <	><	><	><	><		•		17.2	
TOTAL NUMBER OF OBSERVATIONS				13.7	13,6	16.1	10,5	U.1	7.4	2.7	1.9				100.0	9•
	1											TOTAL NUM	ABER OF OB	SERVATIONS		56
				USAF ET	AC HOPM ().8 5 (OL-1), P	PREVIOUS EDITION	NS OF THIS FORM	M ARE OBSOLET	ŧ						
USAF ETAC 1085 FOL 1, PREVIOUS FERTIONS OF THIS FORM ARE OBSOLETE																
USAF ETAC FOLIAM 0.8 STOLES, PREVIOUS FUITIONS OF THIS FORM ARE OBSOLETE							4.5		. —							
USAF ETAC FORM 0.8.5 FOL. 1. PREVIOUS FUITIONS OF THIS FORM ARE OBSOLETE																

DATA PROCESSING DIVISION SURFACE WINDS ETAC, USAF PERCENTAGE FREQUENCY OF WIND ASHEVILLE, M. C. 28801 DIRECTION AND SPEED 1111 IFROM HOURLY OBSERVATIONS 43-50 16603. FIGHER HAY SHE HANT ANT ₩A: ALL MEATHER 0300-0500 ENDER SK SPELD ENTS DIP MEAN WIND SPEED 22 27 HH . 2 1.0 NNE .7 ΝE .7 k *48 • 2 .9 .5 źŧ · SF . 3 , 3 ×2. NSW v. • 2 2.8 1.9 583 NA • 3 .7 NINW . A#BL 23,3 7. A{M 100,0 9.7 11.2 14.3 18.5 TOTAL NUMBER OF OBSERVATIONS 579 USAF ETAC 1 S4 0.8.5 OL 1 MANY DISTRIBUTE OF THE FORM AND OBSOLETE

DATA PRICESSING DIVISION ETAL, USAF SURFACE WINDS asate VILLER . . C. 2001 PERCENTAGE FREQUENCY OF WIND • DIRECTION AND SPEED 1111 FROM HOURLY OBSERVATIONS 166 13 FREETSTAFF CAY NAT TOUR APT 43-50 J.Å., MONTH ALL SEATHER 0600-0600 CASITION. -2. 7 10 1111 4 5 11 17. 12 11 ≥ 56 WIND SPEED 13,1 . 5 11.1 1.5 14.5 6 1.2 3.7 • 6 ٧E . 3 : NE . 3 1.7 . 5 • 5 ٠E . 3 3 • 5 .3 338 • 2 . 2 . 6 . 2 MI · v, . 6 NIN 1.9 3.6 1.1 4.0 6 B • 0 74 1.7 2.3 3.1 WNW • 6 13.4 NNW 15.1 /APBI 17.6 A, M 12.4 13.6 15.3 17.5 10.6 100.0 10.3 TOTAL NUMBER OF OBSERVATIONS USAF ETAC FOLK 64 0.8.5 OL 1: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, 4. C. 28401 **SURFACE WINDS** PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) F. COISHER WAY DAT DITT APT 43-50 ALL VEATHER ^900**-11**00 CONDITION SPEED KN'S DIR 11 16 17 21 $1_{\,\bullet^{\,\mathrm{id}}}$ 11.2 . 3 17.3 NNE NE . 3 ٤×٤ Sŧ SSW nif 1.14 11.11 .1 5.0 2.6 2.6 Ν $W \sim N$.3 N/V/ NNW APE 17.4 11.3 10.0 16.1 18.6 3.7 100.0 10.0 TOTAL NUMBER OF OBSERVATIONS 652

Ł	ETAC, USA ASHEVILLE	F.	, 2885				DIRECTIC	ON AND	CY OF V SPEED RVATION			SUI	RFACE	WIN	DS
	166 /3	FRIGI	इस्ट्रहरू ।		St.T A	PT		43-5	J		YEARS				MONTH
							ALL WE	ATHER						1200	-140
							া উপট	N* 0N							
1		SPEED #NT.	1 3	4 6	7 10	11 16	17 21	22 :7	28 33	34 40	4) - 47	48 55	≥ 56	Ġ.	MEA! WIN
4		N SIC	2.6	1.5	2.6	2.6	1,2	1.3	د.	•1	. 3			17.4	SPEE
		NE	1.7	1.3	.7	• 4	.3	1 • C	. 1	. 9		• 1		6.9	15.
		ENE E	. 6	1.5	.7	1.5	. 4	• l	• 1			. 1		2.5 5.0	12.
		ESE SE	4	. 3	. 7	. 6	.3			, 4	• 1	• 1		2.9	17.
		SSE	•	1.0	. 3	. 4		•		. 4				2,3	13.
		5 88W	1 p 3	• 6										1,9	4 · 5 ·
		5W W5W	1.0	• 4		. • •									5 ·
		WNW	. 4	. 4	. 6	. 3	.6	• 1						1.5 2.2	11.
		MM. M.	1.2	1.5	4.3	5.7	2.2	2.1	• 3	• 1				15.4	12.
		VARBI CALM		~_<		\	<u></u>	\	<i></i>	<u> </u>	~/		`	17,7	
			13.9	13.0	14.7	18.5	y.4	7.2	1.6	2,5	.4			160.0	10.
											TOTAL NU	ABER OF OBS	SERVATIONS		68
			USAF ET	AC FORV	0-8 5 (O(1) F	REVIOUS EDITION		o ARE ÇIBSC (E°							
						` .	' 3	* ²							
							*								
	-	-	-												i

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:

3.2 1.5 1.5 1.5 1.5	4 6 1.9 .4 1.2	7 10 2.2	PT 10 2.9		43=5 ATHER ASSINTION 22 27	28 33		YEARS			1500	Aiv MONTH 1-170 Jurs Lst
3.7 1.5 1.3 .5	1.9 .4 1.2	2.2		Ci Cohii	ASS SITIÓN	יני מני						1-170 URS (ST
3.7 1.5 1.3 .5	1.9 .4 1.2	2.2				7 9 21						
3.7 1.5 1.3 .5	1.9 .4 1.2	2.2		17 21	27 27	20 22						
1.5 1.2 .5 .7	1.2		2.9			20 13	34 40	41 47	48 55	≥ 56	Ģ	MEAN WIND SPEED
1 0 3	1.2	* *	• 4	1.0	1.0	• 9	• 9				15.1	13.1
• *		1 . 2	• 4 • 9	. 4	. 7	• 1	. 3				7.2	12.9
	1.3	1.6	• 6		•1	• 1	.1		. 1		2.2	10.9
1.3	.7	.6	• ų	• နဲ • စ်	•7		. 4	• 1	• 1		7 . 1 3 . 7	17.5
, 4	. 4	. 6	6	. 3	• 1	• O					3.1	13.9
• 1 • 3	.3	1			•1						. 6 . 7	3 n
1.3		.1	• 4		• 1						2.2	6.3
ي و	1.5	1.0									1.4	5 . A
1.0	3.5 1.6	2.8	2.9 4.8	2.9	1.8	• 7	,4	•1			15.7	11.8 12.5 14.4
		<u></u>	>		><	><	<u> </u>				16.6	
14.4	14.8	14.4	15.0	10.6	7.8	3.1	2.2	. 3	.3		100.0	10.2
								TOTAL NUM	BER OF OBSE	RVATIONS		661
	1.3 .9 .3 1.0 1.c	1.3 .3 .1 .9 1.5 .3 .4 1.6 3.5 1.6 1.6	1.3 .3 .1 .1 .1 .9 .1 .5 .1 .0 .3 .4 .9 .9 .1 .6 .1 .9	1.3 .3 .4 .1 .1 .9 1.5 1.0 .3 .4 .9 1.6 3.5 2.8 2.9 1.4 1.6 1.9 4.8	1.5 .3 .4 .4 1.5 1.0 .3 .4 .9 1.6 3.5 2.8 2.9 2.9 1.c 1.6 1.9 4.8 2.9	1.5 .3 .4 .1 .14 .1	1.5 .3 .4 .1 .1 .1	1.5 .3 .4 .1 .4 1.5 1.0 .3 .4 .9 1.6 3.5 2.8 2.9 2.9 1.8 .7 1.c 1.6 1.9 4.8 2.9 1.6 .3 .4	1.5 .3 .4 .1 .1 .14 .1	1.5 .3 .4 .1 .1 .1 .1	1.5 .3 .4 .1 .4 1.5 1.0 .3 .4 .9 .6 .3 1.6 3.5 2.8 2.9 2.9 1.8 .7 1.c 1.6 1.9 4.6 2.9 1.6 .3 .4 .1	1.5 .3 .4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1

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FTAC, US ASHEVILL		c. 2000 c. 2000	1		PERCEI	NTAGE F	REQUEN	CY OF V	WIND		SU	RFAC	E WIN	DS
						DIRECTION HOUR	DN AND	SPEED						
16603	Fade:	ISHER R		DUT A	PT		43-3	n		YEARS				JA'I MONTH
						ALL WE	ATHER						1800 HC	0 =200 Durs st
						CON	DITION							
	SPEED *NIS	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	~	MEA
	D!R N	1.7	4.0	3.5	2.2	2.5	. 7	• 2	. 5	•3			4.7	SPE.
	NNE NE	, 5 , 9	1,2	. 6 1 • 2	1.4	1.1	• b	. 2	. 3				2.2	7.
	ENE E	1.5	. 3 . 3	. 2	. 2	. 3	• (1		.3				7.6 3.4	16. R.
	€SE	1.2	. 8	1.2	.6	. 2	•6 •2	. š	. 5	.3			3.4 4.5	20. A.
	SE SSE	۶.	. 3	.3	. 2	• 2	. 3	. 3					1.8	17.
	5 55W	• 3	5										, 3	
	sw wsw	• ci	.6	. 3	• 2	. 2							7.7	5
	w wnw	• 5 • 3	• 6 • 9	. 8 . 6	ż . 5	. 2	• 2						2.2	7. 9
	NW	2.5	2.5	7.3	3.7	2.0	2.6	, 2 , 8	.3	.2			17.2	11.
	VARBL CALM	><		><	> <	><	><	><	><	> <		>	21.8	
		12.9	11.8	10.0	14.5	B.9	8.0	5.3	2.2	• ₺			100.0	٩.
										TOTAL NUM	ABER OF OB	SERVATIONS		65
		USAF ET.	AC FORM	0 8-5 (OL 1) P	PREVIOUS EDITION	us of this for	M ARE OBSOLET	:						
					×									
,						9	4:							

BATA PROCESSING DIVISION ETAC. USAF **SURFACE WINDS** 2 ASHEVILLES N. C. 28601 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1888 FROM HOURLY OBSERVATIONS FRUBISHER BAY NAT DUT APT 43-50 16603 YEARS 2100-2300 HOURS LST 1 ALL WEATHER 1111 • 9 10.0 NF FNF F ,2 ,2 ,3 ESE •3 •7 • 5 hill $\gamma_i A$ $N' \cdot N$... $N^{N}W$ 12,3 ٧W NNW , APB 21.8 CALM 13,3 100,0 9,8 TOTAL NUMBER OF OBSERVATIONS 587 USAE ETAC FIGURE 0.8.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

	FTAC, US ASHEVILL	ΔF	; 0 1V 15	_			DIRECTIO	ON AND	CY OF V SPEED RVATION			SU	RFACE	WIN	DS
	166.3	FR.3B)	IS ^N ER 6	AY SAVE	DIT A	Tq		43-5	o O		YEARS				F Is MONTH
							ALL WE	ATHEH ASS						0000	-020 URS LST
							CONI	אטייי							
		SPEED KNTS: DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 - 33	34 40	41 47	48 55	≥ 56	q	ME A WIN SPEE
		N NNE	2.4	2.4	2.1	2.4	1.1	1.3	• 7	. 2				12.7	11.
		NE	1,1	2.2	1.5	.2		,	4 4.	,				4,5	6.
		ENE	• 2	.7	. 6	.7	••	• 2 • 7	9 ć	• 2				3.7	17.
		ESE SE	. 4	٥٠	1.1	1.1	• 6	. 4						1.7	12.
		'5 % E	. 7	. 6	. 2	• 4	• 4	• 4						2.4	°.
•		5 55 w	• ′	٤٤		• 2	۶.	• 2						. 4	14.
		SW WSW	• 4	. 2										4	3.
		w	4.	, 0	2	, *	,	. 4	-					1.1	11.
		-JW WMW	2 • 2	3,4	1.1	1.5	1.1	3.2	. 2					18.7	11.
		NNW VARBI	• 4	1.1	2.6	2.4	2.2	2.2	• 6	. 2	. 4			12.7	15.
		CALM	7.			>		><	><		<u></u>		\sim	26,2	
			11.0	13.7	15.4	13.3	7.5	9.4	2.1	.6	, 4			100.0	₽.
											TOTAL NUM	ABER OF OR	SERVATIONS		5 :
				1 r agray											
			USAF ET	AC 21.04	085 OI I. (Merchan Flating	45 OF THIS FOR	M ARE OBSOLE	ł						
- 7	, _														
					•										
•	•					4.0	γ.	•							

	DATA PRUC ETAC, USA		BIVIS	וייו								CIID	FACE	WIN	DC
11	ASHEVILLE		. 2830	1			DIRECTIO	REQUENT ON AND RLY OBSE	SPEED			5U#	TACE	AAIIAI	פע
	16603	FROBI	13HER P	AV Hydr	ELT A	PT		43-5	ŭ						. ti
				STATIO	V NAME		ALL WF	ATHER ASS			YEARS			0300	-0500 IRS EST
							CONI	DITION							
		SPEED KNTS	1 3	4 · 6	7 10	11 16	17 21	22 - 27	28 - 33	34 - 40	41 47	48 55	≥ 56	Cą.	MEAN WIND
1 1		DIR									. 41 47	46 33	- 50		SPEED
		NNE	1.4	2.9	2.9	1.2	1,2	• 6	• 4	. • 4				11.3	11.4
		NE ENE		1.9	1.4	.2	. 2	.6						4.3	6.0 16.3
		E	• 5	. 2	. 8	1.4	, ,2	. 4	. 4					3.5	13.
		ESE SE	1.0	1.0	1.2	4	4	• 2 • 8						1.6 4.5	11.6
		SSE	1.9	. 8	.6	4	. 4	. 4						1.5	9.8
r		s ssw	1.0	1.2	. 2	2	. 2	2		Ē				2.7	6.f
ľ		sw		• 4									44	. 2	4.1
		wsw w	ر .	. 2										1.4	4.0
		WNW	• ₹ • \$	1.0	2.5	1.2	1.6	. 5			•			7, 9	12.
		NW	2.1	2.3	5.0	1.6	2.7	2.1	. • 4					20.2	12.1
		NNW VARBL	1.2	1.0	1.6	* • 0	2.			•					,
		CALM	$>\!\!<$	\sim	\sim	\sim	\sim	$>\!\!<$	><	><			\sim	24,7	
			11.1	13.8	19.6	11.5	10.1	7.6	1.2	.4	,		**	100.0	8.4
											TOTAL NU	MBER OF OBS	ERVATIONS		514
1															
			USAF ET	AC FORM	0.8.5 (0).1.1	PREVIOUS EDITIO	NS OF THIS COD		_						

4 4

	SAF LF, H.	C. 28ძ€	01			NTAGE F DIRECTION DIM HOUF	DNA NO	SPEED			SU	RFACI	E WIN	DS
16603	FKCA	IZHER K	TWA VE	TOUT A	APT		43-5	O		YEARS				() MONTH
						ALL VE	ATHER LASS						0000	0-080
						CON	DITION							
	SPEED KNTS. DIR	1 3	4 6	7 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	94	MEA WIN SPEI
	N	2.0	3.3	1.9	1.7	1.6	1.7		. 3	•			14.3	11.
	NE ENE		ζ.	ڏو ڀول ا		. 2	• 2			•			2.4	5. 9.
	E	, 1,C	. 5	.5	1.0		• 3	. 5		-			2.3	10.
	ESE SE		1.0	1.7	1.0	7	• 2						1.9	10.
	SSE S	1 + G	. 5 . 7	. 3	3	. 2	•	. •2					2.4	8,
	SSW SW	, 3	• 2	. 2									. 7	. 8. 5.
	w5w	۰۷	. 3	. 2									. 9	•••
	NM MMM	3,3	1.2	1.4	5.2	2.6	1.7		2		•		19.0	11.
	NNW VARBI	2.3	1.6	1.6	1.7	1.0	1.0	. 7	5				<u> 10.1</u>	12.
	MIAS	<i>></i>		\sim		> <	\sim	><	$>\!\!<$	><	· ·	$>\!\!<$	25,5	r
		15.7	12.6	14.0	15.4	7.9	5.9	2.4	.7				100.0	я,
										TOTAL NU	ABER OF OB	SERVATIONS		57

ن پرپ

.

DATA PROC ETAC, USA ASHEVILLE	F	-	-								SU	RFACE	WIN	DS
45.11.11.11.11			' •			NTAGE F DIRECTION DIA HOUF	ON AND	SPEED						
16693	FR.(B)	ISPER S	TWO YAS	T DUT A	LPT		43=5	o		YEARS				E E ()
						ALL ME	ATHER IASS						0900	
						CON	DITION							
	CDFFG													
	SPEED KNTS DIR	1 3	4 6	7 - 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 - 55	≥ 56	94	ME WH SPE
	N	3,9	2.5	. 7	1.8	2.0	1.0	7	. 7				14.1	12
	NE	1.2	.3		.3	2				÷			1.7	7
	ENE	• 2	• 2	. 2	-	. 3	• 2		• 2				1.3	16
	E ESE	1,2	5	.7	.7	. 7		د و	ē				4.5	10
	SE	2,0	1.3	1,7	1.5	. 2							7.1	Ä
	SSE S	. 1 2	1.0	1.0	• 8	. 5	• B	. • 2					5.7	11
	SSW	1,2	. 2	• 2		•		• 2					1.7	3
	sw	• 8	. 2	. 3	2	. 2	•						1.7	7
	w wsw	ڊ . و	٠.	. 2						*			1.0	5
	WNW	1.2	ځ. د.	. 7	3	. 2	•		•	•			2.9	6
	NW	2.5	2.2	4.0	3.5	2.7	1.7	. 7	2				17.5	15
	NNW VARBL	2.5	2.5	1.3	2.0	2.4	1.0	.7	. •5	. 2			13.1	[3
	CALM	><		\		><	><	><	><	><		><	22.4	
		19.7	12.9	12.4	11.6	10.3	6.4	2.7	1.5	• 2			100.0	Ą
										TOTAL NUM	BER OF OB	SERVATIONS		5
										TOTAL NOW	DER OF OB.	ERVATIONS		

USAF ETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

● 2	ETACA USA	ð F										SU	RFAC	E WIN	DS
1 1411	ASHEVILLE	· • • • • • • • • • • • • • • • • • • •	C. 2860	1			NTAGE F DIRECTION DM HOUF	ON AND	SPEED	_					
1	16693	FRUB	15468 G	AV NyT STATIO	PLIT A	PT		43-5	Ü		YEARS				K 13
1							ALL AF	ATHER LASS						1200	-1400 BURS LST
•							CON	DITION							
:		SPEED KNTS	1 3	4 6	7 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	4	MEAN WIND
H11		DIR					-					48 - 33	_ ≥ 30		SPEED
		N NNE	2,2	1.9	1.5	2.7	2,4	1.0	1.4	• 2	• 2			13.5	14.3
•		NE NE	. 5	1.0	.5	٤,		٤.						2.7	7.7
		E		. 3	. 3	1.0	. 9	. 9	٠ 5	. 2				4.1	10.9
•		ESE SE	2,7	1.0	2.2	1.7		. 3	• 5					1.5	7.3 8.3
		SSE	led	. 3	9	. 5	. 4	. 3	. 2					3.6	9.7
		s ssw	1.2	. 7	. 3	• 2		-		. 2				7.4 1.0	4.4
111		SW	ý	. ś	. 5	. 2	•		•					2.0	5,3
•		wsw	. 3	۽ ۽	. 2									1.2	3 . A
		wnw	1.0	• 2	5	4	, 3	7.	•			-		7.2	6.7
•		NW	4.6	2.0	2.0	3.1	1.9	2.2	. 3	. 2		•		16.5	11.1
		VARBI	2,0	. 3	1.0	3.4	3.7	1.7	. • •	. •				14.0	16.4
!		CALM		`` 🔍	\sim	><	$\nearrow <$	^><	><	><			`><	23.0	
			18.7	¥,5	11.1	14.5	9.7	3.3	3.4	1.3	, 2	*	٢	100.0	9,3
!											TOTAL NU	MBER OF OB	SERVATIONS		587
##I															267
7															
r			USAF ETA	IC PULSA (0 8-5 rOL 1 + F	PERIORS EDITIO	ONS OF THIS FOR	M ARE OBSULET	ŧ						
															- - ,
1															
					1 1		A								
						· · · · ·	TEB	<u>.</u>							
I						***	٠. به	¥;							1

i Hii	ETAC, USA ASHEVILLE	۱.	G 71VIS				NTAGE F DIRECTION DM HOUF	DNA NO	SPEED			SU	RFAC	E WIN	IDS
•	1660 / Pares	ទនុកខ	15 466 8	TAY MAT	DUT A	PT		43.5	0		YEARS				e iš MONTH
)							ALL AF	ATHER ASS						1500	0-1700 DURS LST
•							CON	DITION							
ı		SPEED													
111		KNTS	1 3	4 6	7 10	11 - 16	17 - 21	22 - 27	28 33	34 40	41 47	48 - 55	≥ 56	æ	MEAN WIND SPEED
		NNE	1.2	2.4	2.6	3.2	3.2	1.9	€ 2	1.0				16.3	15.1 8.1
		NE ENE	1.5	.9	. 5		• • • 7	<u>, ç</u>						3.2	16.8
		E ESE	, 3 , 5	.7	.7		.9	. 2	.3		•			2.9	11.5
		SE SSE	1.0	. 9 . 5	2.0	1.0	. 3	. 2	.3	. 2				3,6	9.0
η		\$ \$5W	1.0		. 2	. 3				• 2				2.4	4,3
•		sw wsw	.3	. 5		. 2								1.2	3.0
		ww. w	. 3	.7	.7	. 3	. 3	3						3.1	11.6
		NNW	1.7	3.1 1.9	2.6	1.7	2.4	1.9	. 5	.7				14.6	11.1
		VARBL CALM	><		><	><	><	><	><	><	> <		><	25,3	
			13.8	12.8	13.1	10.7	11.2	8.5	5.0	2.0	7	r		100.0	9,2
											TOTAL NU	ABER OF OB	SERVATIONS		563
•															
				100											
			USAF E1	AC 101 64 ()-8-5+OL 1₁ ₽	REVIOUS EDITIO	NS OF THIS FORM	A ARE OBSOLETE	F						
					,										
}						. July	in the second se	; !—							
†							* 'Y	*							}

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ASHEVILI IJIVŠHEA	54F	. 01VIS				NTAGE F DIRECTION DIM HOUR	ON AND	SPEED			SU	RFACI	E WIN	DS
16673	PREST	15 46 %	TWV VA	THE A	PT		43-5	o		YEARS				, il MONTH
						ALL ME	ATHER ASS						1 0 00	-20 UPS (S
						CONE	illion							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	27 27	28 33	34 40	41 47	48 55	≥ 56	ભ	ME WI SPI
	NNE	d.\$	3.1	3.1	3.8	. 9	2.4	1.0	7				17.7	13
	NF	1.4	1.0	1.4		. • 2	, 3						4.5	6
	E NE E	• ¿ 1 • ¿	. 2	• 3	/		• 3	.3	. 3				1.2	13
	ESF SE	, 3 , 9	• 2	1.7	. 5	. <u>. 2</u> . 5	• 2 • 5						7.1 5.2	10
	\S t 5	1.2	.5	• 5	. 3	. 2	• 3 • 2	, e					$\frac{3.3}{2.1}$	7
	55W 5W	14	. 2	. 2	-					•			1.0	3
	wsw w		•-	.2	, 3	. 2				•			1.0	10
	WNW	. 3	. 2	9			1.0	٠ .					3 1 15 1	12
	NW NNW VARBI	1.0	3.5 1.0	2.4	1.4 2.8	2.1	2.1	• 2	• 2				14.3	15
	CALM				>	><	><	><		- 1 3 × 1	سر سد س		22. 3	
		14.0	12.7	16.5	12.6	6,3	11.0	2.6	1.4				100.0	ð
										TOTAL NU	MBER OF OB	SERVATIONS		5

DATA PRICESSING MIVISION ETAL USAF SURFACE WINDS 2 SHEVILLE, M. C. 28801 PERCENTAGE FREQUENCY OF WIND 1 DIRECTION AND SPEED 1131 (FROM HOURLY OBSERVATIONS) 1660 FAURINGER HAY BUT DUT APT 43-50 YEARS ALL WEATHER 2100-2300 CLASS CONDITION SPEEU KNTS DIR 1 3 7 10 2 56 WIND SPEED HI 4 6 11 - 16 17 21 22 27 28 - 33 34 40 41 47 48 55 14.7 2,0 2.4 1.0 2. 7.1 2.2 . 4 NNE NE . 2 ENE . 0 • 4 • 4 1.1 ₹.0 · O ESE • 9 . ? SE • 4 55**E** . 0 .6 1.1 M SSW 5W • 4 wsw 11.1 15.4 9.9 5.6 2.6 . 4 2.2 WNW 17.9 NW 16.2 NNW VARBI 23.0 CALM 6.1 13.3 15.5 16.2 11.4 3.9 100.0 9.1 TOTAL NUMBER OF OBSERVATIONS 543 HH 1 USAF ETAC $\frac{\text{AORM}}{\text{Billing}}$ 0.8.5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 1

<u> </u>	DATA PRO ETAG: US ASHEVILL	ΔF										SU	RFACE	WIN	DS
	Marie I get		2111	•			DIRECTIO	DNA NO	CY OF V SPEED RVATION						
ı	16603	Fr 56	Dog O	AV TAT	DOT A	PT		42-4	6,4P=5)	YEAK.				3.R MGNTH
•							ALL WE	ATHER ASS							0200
							CON	SIFICN							
11		SEEED RMIS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	r\$	MEAI WIN[SPEEI
		×	1.5	2,9	2.7	2.5	2.7	2.1	. 4		.4			15.1	13.
		NE NE	1,1	1.1	1.0	• 6 • 6	• 5			9				7.1 3.3 1.7	7. 14.
		E NE	1.0	, •0 •4 ä	1.0	2.1	• † • †			. 2				8.0	5.
		ESE SE	1.0 1.0	. ŝ	1.0	1.7	2							1.4	7
		5/S E - 5	. 4	1.0		• 6		• 2						1.5	7.
Π		55W 5W	• ¢	• 4 • 2	. 4	• 2								1.1	11.
		wsw w	1.6	. 2	. 4	• 2		. •2						1.7	22.
		NW WNW	3.1	4.8	, <u>2</u> 5 . 5	3.1	1.1							2.5 17.6 15.7	7.
		ARBI	2.7	1.3	1.7	3.4	\ \ _ /	3,4	1.5 ~	.2	~ /	ヘ. ノ		22,7	15.
		CAIM	14.3	10.0	14,7	15.3	0. 9	<u>۰,5</u>	1.7	. ~		مستستن سيري		100.0	٠, غ
											TOTAL NU	MBER OF OB	SERVATIONS		56
11															
			USAF F	TAC od (0-8 5 - Qt 1 - r	PREvious Education	de Sarteria essa	w are Jascett	ı						
	7						— .								
							 G								
								•							

AT A PROCESSING MIVISIAN STAGE COST SOM STILLED . C. 28801 **SURFACE WINDS** PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 42-46,48-50 FEARS MONTH ALL FEATHER 0300-0500 HOURS (ST SPEED KNTS (HR MEAN WIND SPEED 7 10 11 16 17 21 22 27 4 6 1311 13.2 2.0 3.1 1.0 6.7 1.0 1.0 1.0 NΕ . 2 12.3 . 4 ENE £ . 4 1.0 ESE 1.0 <.E . 6 958 ۲. • ? hif 55W 5V . 2 . 2 . "W 1.2 N .0 4.7 3.0 WNW NNW VARBI 24.4 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS 409

USAF ETAC FINAL 0.8-5 (QL 1) PREVIOUS PURIORS OF THIS FORM ARE OBSORET

ASHUVILLE		(. 28 87	·1			NTAGE F DIRECTION M HOUF	DNA NO	SPEED			SUI	RFACI	E WIN	DS
166,3	From B	lovek b		INTIT A	PT		42-4	0 , 40 = 5	0	·FARS				AF VONTH
						ALL SE	ATHTR ASS						0000	-0400
						ONI	ριτιον							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 - 27	28 33	34 40	41 47	48 55	≥ 56	' ¥	MEAN WIND SPEED
	7	1.5	2.5	2.0	1.2	1.5	1.5	1.5			. 2		11.4	14.3
	NNE	. 3	• 4		-5								1.0	8.3
	NE	1.0	. b	3	٠,	1.0	• 5						3,7	10.9
	ENE E			1.0	• 7 • 7	• e' • 3							1.5 3.2	9.6
	€ S €	. 7	1.2	7		• .7							3.7	5.7
	SE	1,5	. 5		ំ ខ្លី	. 7	. 5						4.7	10.5
	SSE	ق ۽	. 5	. 3	. 3	. 5	. 2						1.9	5.6
	5	1.8	. 5	. 2		. 2							2.0	4.4
	5\$W	. 3	. 2	. 2									• ?	4.3
	597		.7	. 2	1								7	4,9
	.w.sw.	• 5	• 2	.3	• ~	.3	• 2						1.0	14.3
	WNW	$\frac{1}{P}$	1.9	. 7		. 5				•			3.5	5.9
	NW	3,5	2.7	3.0	3.0	2.4	1.7	. 2	. 2		•		17.5	11,3
	NNW	1.3	2.7	2.0	2.5	2.4	1.3	. 3	. 2				13.0	13.0
	VARBI	< -	~. <i>-</i>	~ /		~ /	<u> </u>	< /		<u> </u>		٠	7.95	
	CAIM	<i>></i>	, ×	", ×	,			\nearrow	, ><	, ,1≫5, ,	واستعشمت	/	` •!	
		14.0	15.2	12.5	11.4	9.3	5.3	2.0	• 3	• 2	. 2		100.0	7.8
										TOTAL NUA	ABER OF OBS	EDVATIONS		
										TOTAL NON	NOLK OF OB	EKTAHONS		574

USAF ETAC THE 64 0-8 5 IOL 1, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ASHEVILL	SAF	. 2800 : 11/15	•		DED CE	.TACE	DECLIFA	CY OF W	/INID		SU	RFACE	WIN	DS
			•			DIRECTIO	DNA NO		-					
166 [7]	Pi. Tat	رد ۱۳۹۳ د	THE Y A	DUT A	PT		42-4	48×5) 44 ون	ì	YEARS				AK MONTH
						ALL > F	ATHFIL ASS							-110
						COND	NOITIG							
	SPEED KNTS DIR	, 3	4 6	7 10	11 16	17 - 21	2? 27	28 33	34 40	41 47	48 55	≥ 56	q	MEA WIN SPEI
	N	1.8	1.0		1.3	į.	₹.4	1.2	.2	• 5			9.t 1.2	18.
	NE ENE		• B	1.0	. 5	• 2 • 2	• 2						3,4	P.
	E E SE	1.0	. 3	1.0	• 7		• 5	_					3.5	7
	SE SSE S	2.7 .7	1.7	.8	. 3	2		• 3					7.1 3.0 1.3	8. 10.
	55W 5W	žž	.2	.2	. 2								• 5 • 5	5.
	wsw w		. 6		. 7		• 2						2.4	14
	NN NN NNA	1.7 2.9 1.0	2.4 1.9	3.0 1.2	3.5 4.2	2.7	2,4	•7	.2		,		3.4 17.5 15.3	12 15
	/ARBI CALM			~><			· ><						28.3	
		14.5	12.0	10.3	14.2	7.0	9.4	2.9	.3	. 5	•		100.0	8,
										TOTAL NUA	ABER OF OB	SERVATIONS		59

ETAL, USA	F	G DIVI	·								SHI	RFA <i>C</i> I	E WIN	DS
ASHEVILLE	g lee	C. 288	^1			DIRECTIO	-requen On and Rly Obse	SPEED			30,		- *****	
16604	FREE	Is468	TWT YOUR	DAT A	PT		42-4	6,40-5	Ø	· F A B (,			,	£₽ MON'H
						ALL WE	ATHER IAIS			·				=1400
						COM	DiTi⊕ri							
	SPEED KNTS:	1 3	4 6	7 10	11 16	17 21	72 21	28 33	34 4 0	4 47	48 55	≥ 56	æ	MEAN
	DIR	1.6	1.5	. 5	2.6	1.5	1.5	1.2	.3	• 5	46 33	2 56	10.7	SPEER
	NNE	ڊ. ڊ.	. 3	. 2	3.3	. 2	••	•••	,,	•-			1.4	6
	ENE E	.5	.2	.2	. è	. 3	• 2	٤.					1.5	10.7
	ESE SE	£,	1.0	.5	2.2	1.0	. 7	• 2					2.4 8.9	10.
	SSE S	1.5	7 1 • 2	.2	. 3		. 2	. 3					3.4	3.
	sw sw	• 3	. 2										1.4	4.
	wow wsw	• 1	.7 .2	.3		.2	. 2						2.0	7
	NW NNW VARBL	1.0	1.5	j. ¿ 1.5	3.6 3.9	1.5	4.6	.2	.7				12.1	11.
	CALM	14.5	10.7	×.7	15.4	10.9	3,3	2.9	1.0	.7			100.0	9 _. 1
										TOTAL NUN	ABER OF OBS	SERVATIONS		507
			FORM											
		USAF E	FAC HIS SA O	85 (Ot 1) #	REVIOUS ECUTION		M ARE OBSOLETE							-T
					Construction of the Constr									
_	-	w.			1	•. =								

•

10603	Fo-14	15HER 04			(FRC	M HOUR	ON AND RLY OBSE		VIND NS)					
			STATIO	SUT A	PT		42-4	6,48-5	C-	YEARS				MONTH
						ALL WE	ATHER ASS							-170
						CON	NOITION							
	SPEED KNIS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	rą.	MEA WIN SPEE
	NNE	7	.5	2.5	2.3	1.7	1.7	. 7	, 5				11.2	15.
	NE ENE	1,0 ,3	. 2	1.2	• ĉ	• 5	• 6	. 2					2.7	16.
	E ESE SE	.3 .3 1.9	1.2	1.0	1.7	, 2 , 2 1, 7	. 2		.5				3.6 1.0 3.0	11,
	SSE S	•5	. 8	.3	. 3	. 2	5		•••				2.5 2.0	10
	5w - 5w - 25w	. h		. 5		• 2	. •2		-		-		1.7	ŝ,
	w		. 3 . 5	1,0	. 5	. 2	2	-					2.5	7
	NNW	1,4	1.0	5.3 2.9	3.9 5.4	1.7	1.5	1.4	.7				14.8	11,
	√ARBI CALM	><<		<u> </u>	><		><	><	><	>	~	><	25.0	
		11.5	6,8	17.5	17.8	11.2	5.8	2.7	1.7				100.0	3,
										TOTAL NUA	ABER OF OB	SERVATIONS		٩,

KLED M. C	. . 28 но		DOT A	(FRO	DIRECTIO		SPEED	15)		•		WIN	·AR
₽K°INI	(34 ек н	AV LET STATION	DUT A		ALL "F		5,48-5	ti					. AR
		T(MTC/III	4 PGRAME		ALL «F				YEARS				MONTH
					Ct	ATHFR ASS			TEHRS			1000	-2000 DUPS 15T
					EONE);TION							
SPEED													MEAN
KNTS: C:R	1 3	4 · 6	7 - 10	11 - 16		22 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	rię.	SPEED
N	1.1	1.3	2.5	3.7	2.3	2.5	• 5	.4				14.5	14,0
NE	1.4	1.0	1.1	1.1	<u></u>	. 4			•			5.4	7.6
ENE E	, ,	9	1,1	2.0	, <u>, , , , , , , , , , , , , , , , , , </u>		. 2					4.1	10.
ESE SE	1.4	. 9	1.3	1.6	1.1	5	4	• 2				•	10.8
SSE		. 4			. 2	. 4						5.0	11.
ssw												1.1	3,0
sw wsw	• 2	2				2						.5	10.7
w	د .	. 5	. 7	. 5	· - 4	. •••						2,3	7.5
NM	2:7	3.1	4.5	3.1	1.0	. 5						15.6	9.5
NNW VARBL		1.6	3.6	3.6	1.6	2,2	5	. 4	; ~	· ·	·	**	14.7
CAIM	12.2	13.0	10,0	19.0	7.9	7.0	1.6	.9	√ ><	, , ,	<i>></i> <	100.0	8.9
									TOTAL NUA	ABER OF OBS	ERVATIONS		551
	KNTS- CIR NNE NE ENE E ESE SS SSW SW WSW WNW NW VARBI	KNTS- C.R N 1.1 NNE	KNTS. C.R N 1.1 NNE .2 .7 NE 1.4 1.0 ENE .4 E .5 SE .5 SE .5 .5 SSW .7 SW .4 WSW .2 WSW .2 WSW .3 WNW .9 1.1 NW VARBI CALM	N 1.1 1.3 2.5 NNE 2.7 7 NE 1.4 1.0 1.1 ENE 4 4 E 9 1.1 ESE 6 9 1.3 SSE 1.4 9 1.3 SSE 1.4 9 1.3 SSE 1.4 9 1.3 SSE 1.4 9 1.3 SSW 7 4 WSW 2 7 3.1 4.5 NNW 9 1.1 1.1 NW 2.7 3.1 4.5 NNW VARBI CAIM	N 1.1 1.3 2.5 3.7 NNE	NNE 1.1 1.3 2.5 3.7 2.3 NNE 2 7 NE 1.4 1.0 1.1 1.1 ENE 4 5 E 9 1.1 2.0 2 ESE 9 1.3 1.6 1.1 SSE 5 7 SSW 7 4 WNW 9 1.1 1.1 9 NW 2.7 3.1 4.5 3.1 1.0 NNW VARBI CAIM	N 1.1 1.3 2.5 3.7 2.3 2.5 NNE 2 7 NE 1.4 1.0 1.1 1.1 4 ENE 4 5 4 E 9 1.1 2.0 2 ESE 9 1.3 1.6 1.1 5 SSE 5 7 SSW 7 4 WNW 9 1.1 1.1 5 WNW 9 1.1 1.1 5 NNW 9 1.1 1.1 9 2 WNW 9 1.1 1.1 9 2 NNW 9 1.1 1.1 9 2	N 1.1 1.3 2.5 3.7 2.3 2.5 .5 NNE .2 .7 NE 1.4 1.0 1.1 1.1 .4 .4 .5 .4 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	KNIS 1 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 N 1 1 1 1 3 2 5 3 7 2 3 2 5 5 5 4 NNE	N	N 1.1 1.3 2.5 3.7 2.3 2.5 .5 .6 NNE 2.2 2.7 NNE 1.4 1.0 1.1 1.1 .4 ENE 4.4 .4 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .2 .5 .5 .5 .4 .5 .5 .5 .5 .7 .5 .5 .2 .4 .5 .5 .5 .7 .5 .2 .4 .5 .5 .5 .7 .5 .2 .4 .5 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .7 .5 .5 .5 .7 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	KNIS- C.R N 1.1 1.3 2.5 3.7 2.3 2.5 3.7 2.3 2.5 3.7 4 NE 1.4 1.0 1.1 1.1 4 ENE 4 5 5 5 5 5 5 5 5 6 8 8 1.1 1.1 1.1 1.1 1.1 1.1	KNTS- I 3

ETAC, US ASHEVILI	SAF	6 DIVIS C. 2880	=			NTAGE F DIRECTION DM HOUF	ON AND	SPEED			SU	RFACI	E WIN	DS
166U3 STATION	FRITE	ISHER R	THE YAR	ATIA A	PT		42=4	6,48-5	0	YEARS				AR MONTH
						ALL WE	ATHER ASS							-2304 FURS 15T
						COM	DITION							
	SPEED KNTS DIR	1 3	4 6	7 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 55	≥ 56	¢.	MEA! WINE SPEE
	77E	ີ 2∍ບ ⇔	1.8	1.4	2,2	4,2	7.0 •6	. 4			•	•	14,1	13.
	NE ENE	1,2	1.2	1.0	. 6	.2		•					1,5	7.0
	E ESE	. 4	, 8 , 6	.6	1.4	1.0	. 2						1.5	11.
	SE SSE	1.6	. 2	6	1.2	1.8	. 6	. 2	. 2				6.3	11.
	5 55W	**	. 5		•••					•			. 6	4.
	5W WSW	, 4	. 2			• 2	•						. A	6.
	WNW	: 4	1.0	1.0	,4	.4							2.0 3.4	9.
	NNW	4,8 1,2	4.8	2.2	3.2 3.8	1.8	1.0	. 4	4				21.9	14.
	VARBL CALM						```\			· ~	· - 	· ^-	19,1	
		16,1	15.3	14.3	14,3	12.7	5,2	1.6	.6	~	g		100.0	: 8 ₀ (
										TOTAL NUA	ABER OF OB	SERVATIONS		49

ETAC.	PRUCESSING -USAF Ille, 4. (DED/E	NTAGE F	BEOLIEN	CV OF V	VIND		SUI	RFACI	E WIN	DS
						DIRECTION HOUR	N AND	SPEED						
16603	FRIIB	ISUER S	Tik A Vari	DUT A	PT		42=4	7,49-5	٥	YEARS			,	PR
						ALL RE	AT-IER						0000 HC)=020 ours .cs
						CONE	DITION							
	SPEED (KNTS) DIR	1 3	4 6	7 - 10	11 16	17 21	22 - 27	28 33	34 - 40	43 - 47	48 - 55	≥ 56	94	ME WII SPE
	N	. 2•2	1.5	3,9	2,0	1.5	1.1	. 7	.2				14.0	12.
	NE NE	• 7	.7 2.8	1.9	• ° 7		. 2	4	. 4				2.3	11
	ENE			. 9	. 9		•	. •-	. • •			•	2.6	ં ક
	E ESE	, 7	1.1	. 9	, q , 4	• 5	. 2	.6					3,5	11
	SE SSE	.7	2.4	3.7	1.7	a	. 4	• ċ			•		9.1	9
	5		1.1	1.3	. • 4	. 9 . 2		_					1.7	8
	ssw sw		. ,4	. ,4		• 2					-		4	17
	wsw	5.6											<u> </u>	2
	WNW	. 4	.4	. 2	7	4	• 4	• 2					2.6	20.
	NW NNW VARBL	2.2	2.2	3.4	3.4	3.4	3.0	. 0	• 5		•		12.3	14
	CALM	><		><	><		><	><- <u>-</u>	><		,	<u></u>	<u> </u>	
		10.8	15.9	23.3	17.5	7.8	5.8	2.8	.7				100.0	9,
										TOTAL NU	MBER OF OBS	SERVATIONS		5
		USAF ET	AC FORM)-8-5 (OL.1.)	PREVIOUS EDITION	NS OF THIS FORM	00.0.11							
			101.64			— — — —	- ARE OBSOLES	' 						
					2.22	1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*							
					-									
						· •	ø.							
														- 1

● 2	PATA PRU	1 F										SUI	RFACE	E WIN	DS
1	ASHEVILE:	" , ~, (. 2 8ა0	. 1			NTAGE F DIRECTION M HOUR	ON AND	SPEED						
1	16603	FRUR	डिलहम् य	TIN YA	' 1UT A	PT		42-4	7,49-5	0	YEARS				PR MONTH
1							ALL WE	ATI FR						0300	-0500 HURS -L S T
•							CONE	DITION							
; 6881		SPEED KNTS OIR	1 3	4 6	7 10	ii 16	17 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥ 56	o _f .	MEAN WIND SPEED
•		N N7E NE	. 4 2 . 4	2+0 •6 •6	3.9	2.0	1,4	1.2	• 4	.2	•			12.0 2.5 5.3	12.3
		ENE F ESE	• 6	.6 1.0	1.6	1.0 .4 1.0	.2	• 5 • 4 • 2	• 5					7.4 3.9 1.6	12.5
		SE SSE S	1.4	1.8 .4 1.0	2 9 4	1.2	.4	. 2	· ·		•	•		8 4 2 6 2 4	7.9 5.5
har .		SSW 11 V WSW	2	. 3	2	• 5			•	•	•	•		1.2	7.0 5.0 3.5
•		WNW NW NW	1.0	1.2 3.3 1.0	1.0 3.7 2.2	2.9	. 2 . 8 . 5	1.2	•2	• 2		•	· · ·	2.2 5.3 13.6 16.3	9.5 5.7 5.3
•		VARBI ← ALM				>	>	><	><	><	>		><	18,1	
•			19.5	15.7	19.3	14.1	10.8	4.7	1.2	. ••	TOTAL NU	MBER OF OB	SERVATIONS	100.0	8,4 491
1911															
1															
1	y	·	USAF ET	AC HE 64	0-8-5 (Ot 1)	PREVIOU: EDITIO	NS OF THIS FORM	M ARE OBSOLETE							-
						2.20									
							1	4							
			-				· ***	. =							

ETAC) () ASHEVIL	SAF LED No.	C. 2880	1			NTAGE F DIRECTION M HOUR	ON AND	SPEED			SU	RFACI	: WIN	DS
16603	s a⊕a	ISHER B	AV VINT	A TU!	PT		42-4	7,49-5	0	YEARS				PR
						ALL 4E	ATHER ASS							-080
						CONI	DITIÓN							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 55	≥ 56	Œ.	MEA WIN SPEI
	, N	. 5	1.1	2,3	2.5	1.3	1.8	3					9,5	13.
	NE		.6	5	د و		• 2		i				2.5	, A.
	ENE E			. 6		• 5	.3						1.1	14.
	ESE SE	1,3	1.3	2.1	1.0	. 5 . 8	. 3			•			3.2 7.7	10.
	SSE S	1.1	. 6	8	1.0	. 3	٥.						3.9	10.
	55W	. 5	. 2	. 2				•						4 .
	sw wsw	1.1		3						•		•	1.8	7.
	wnw w	, 5 1,4	1.0	1.4	.6	2	. 5	,					1.3	.10, .8.
	MMM	1.0	2.1 1.9	4.2	5.2	2.9	. 3	• 2					14.8	10.
	VARBI CALM	><	~	><		>	><	> -	~			^><	20.1	
		13.>	11.8	20.0	18.7	8.5	6.1	,	Ÿ	4			100.0	
										TOTAL NO	JMBER OF O	BSERVATIONS		52
		USAF ET	AC 101 64 (0-8-5 (OL-1) P	PREVIOUS EDITION	IS OF THIS FORM	ARE ORSOLE!	E						
														_T
						1.02								1
						413.7								

	. US	1 F	. Alvis			DED 65:	IT 1 05 =	BEOLIE:	6V 05 1			SU	RFACE	WIN	DS
,				-			DIRECTIO	ON AND	CY OF V SPEED RVATION						
166	1	FRUBI	128EH 01	T'x'2 Y2	CET A	PT		42.4	7,49-5	J	YEARS			-	MONTH.
							ALL dE	ATHER						3500	-110
							CONI	DITION							
		SPEED KNIS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 - 55	≥ 56	G.	MEA WIN SPE
		2	1.4	. 9	2.2	3.5	2.0	1.4	ۈ ₀					11.9	13.
		NE	. 6	E	• 2	• <u>\$</u>	. 3	5. 5.						1.7	10
		ENE E		. 3	2	• 4	. 9							1.1	11
		ESE	. 6 . 6		1.2	1.6	, 2 , 8	. 2	. 4	• 2	• 2			3.4	10
		SE SSE	• 9	1.1	8.	1.2	8	. 5	•6 •3	• 2	• 4			5.0	12
		5 55 W	2,3	1.7	1.4	. •5	. 2	3						0.3 2.3	6
		sw	1.5	, 2	,	. 2	·				•			1.9	ģ
		wsw w	• %	ۇ .	. 2	. 3	• 2	. 3			•			1.1	13
		WNW	• 6	.9 1.1	5 2,1	5.6	2.0	. 8						3,6 15,2	11
		NNW		, 5	2.6	5.4	2.6	1.7	. 5					14.2	14
		VARBI CALM	><		~		><	~	~	><	^><	`	`><	20.6	
			12.4	9.1	17.0	22.0	9.8	0.0	1.7	.2	. 2	***		100.0	· 1
											TOTAL NUM	ABER OF OB	SERVATIONS		6
			USAF FTA	AC FORM (n.8.5 (∩l.1). s	PREVIOUS EDITION	s Ot ture too								
				901 64											- _F
							e Santa								Ì
							- -								1

iE .	3	STATION 4 - 6	UIJT A				7,49=5	٥	YEARS			1200	LP IX MONTH J=16() DURS LST
115 1 1 1 R R HE E			7 - 10		CI	458						1 2 0 U)-160 iurs (s)
115 1 1 1 R R HE E			7 - 10	11 - 16	CONE	DITION							
115 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			7 - 10	11 - 16									
ŧE ∎	b 1	1.4			17 21	22 - 27	28 33	34 40	41 47	48 55	≥ 56	c _t	ME WII SPE
E ø			1.4	3.2	1.9	6.5	2					11.7	14
ır	6	. Z . 5	. 2		- 4							1.3	10
)E	, o	.3	. 5 . 3	•	. 9							1.4	. s
	6	. 3	. 8	1.1	• ? • 2	•2						3.1	9
		Ն.5 -5		1.4	, 6	• ¹⁵	• 5 • 2	. 3				8 ° C	12
2.	, ·J	. 8	1.1	i.i	• 2							5,1	7
				. 5	• 2	3							7
5W' •	, 3	. 5	, 2	. •								1,1	4
4W •	, 5	. 8	. i.i.	1.5		. • 2	2					4.3	10
w 1.	2	• B	0,5	5.7	2,5	1.1	. 2					17.9	12
RBI _		. , .	714	7.0			. • 3						14
ım 🗦 🔀	≤ 1	<u> </u>	\sim			><	><	><				15.3	
12.	4 10	0.5	19.5	21.6	10.5	ý . Z	1.4	3				100.0	10
									TOTAL NUM	BER OF OB	SERVATIONS		4
E SE O V O V O V O V RI	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.d 1.1 2.d 	1 · £ 1 · 5 1 · 1 · 5 2 · 3 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6	1 0 2 5 1 7 1 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.2 2.5 1.7 1.4 1.1 .5 1.1 1.7 2.0 .8 1.1 1.1 2.0 .8 1.1 1.1 2.0 .8 1.1 1.1 2.0 .8 1.1 1.1 2.0 .8 1.1 2.1 .5 .8 .8 .5 2.1 .2 .8 9.5 5.7 2.1 .2 .8 9.5 5.7 2.1 1.2 .8 9.5 5.7 2.1 1.2 3.2 4.0 88	1.2 2.5 1.7 1.4 .6 1.1 .5 1.1 1.7 .2 2.0 .8 1.1 1.1 .2 2.0 .8 1.1 1.1 .2 2.1 .5 .3 .8 .5 .2 2.1 .5 .3 .8 .5 .2 2.1 .5 .3 1.1 .5 2.1 .5 .8 .8 1.5 .8 2.1 .2 .5 0.5 5.7 2.5 2.1 1.1 1.2 3.2 4.0 3.2 88	1.2 2.5 1.7 1.4 .6 .8 1.1 .5 1.1 1.7 .2 .6 2.0 .8 1.1 1.1 .2 .5 .6 .2 .2 .2 .7 .5 .8 .8 .5 .2 .3 .8 .5 .8 .8 1.5 .8 .8 .5 .5 .2 .8 .5 .8 .8 1.5 .8 .9 .5 .8 .8 1.5 .8 .1.2 .5 0.5 5.7 2.5 1.1 .8 1.1 1.2 3.2 4.0 3.2 2.2	1.4 2.5 1.7 1.4 .6 .6 .5 .5 .1 .1 .5 .1 .1 1.7 .2 .6 .2 .2 .2 .2 .2 .2 .2 .3 .8 .5 .2 .3 .8 .5 .2 .3 .8 .5 .2 .3 .8 .5 .2 .3 .8 .5 .2 .3 .8 .5 .2 .3 .1 .1 .5 .2 .2 .2 .3 .3 .5 .5 .7 .2 .5 .1 .1 .2 .2 .5 .5 .7 .2 .5 .1 .1 .2 .2 .5 .5 .7 .2 .5 .1 .1 .2 .2 .5 .5 .7 .2 .5 .2 .3 .3 .3 .2 .2 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	1.4 2.5 1.7 1.4 .6 .6 .5 .3 1.1 .5 1.1 1.7 .2 .6 .6 2.0 .8 1.1 1.1 .2 .0 .0 .2 .2 .2 1.5 .3 .6 .5 .2 .2 .3 1.1 .5 .5 .4 .5 .8 .8 1.5 .8 .2 .5 .8 .8 1.5 .8 .2 .6 .5 .7 2.5 1.1 .2 .7 1.1 1.2 3.2 4.0 3.2 2.2 .3	1.2 2.5 1.7 1.4 .6 .8 .5 .3 1.1 1.5 1.1 1.7 .2 .6 .6 2.0 .8 1.1 1.1 2 2.0 .8 1.1 1.1 2 2.0 .8 1.1 1.1 2 2.0 .8 1.1 1.1 2 2.0 .8 .8 1.1 2 2.0 .8 .8 1.1 2 2.0 .8 .8 1.5 .8 2.0 .2 .2 .3 2.0 .3 1.1 2 2.0 .5 .5 5.7 2.5 1.1 .2 2.0 .1.1 1.2 3.2 4.0 3.2 2.2 .3 2.1 2.4 10.5 19.5 21.6 10.5 6.2 1.4 .3	1.2 2.5 1.7 1.4 .6 .6 .6 .5 .3 1.1 .5 1.1 1.7 .2 .6 .2 2.0 .8 1.1 1.1 .2 2.0 .8 1.1 1.1 .2 2.0 .8 1.1 1.1 .2 2.0 .8 .5 .2 .3 2.1 .5 .3 .6 .5 .2 .3 2.2 .2 .3 2.3 .5 .2 .3 2.4 .3 1.1 .5 .8 .2 2.5 .3 1.1 .5 .8 2.6 .3 1.1 .5 .8 2.7 .5 .8 .8 .8 1.5 .8 2.8 .1.2 .8 0.5 5.7 2.5 1.1 .2 2.9 .1.1 1.2 3.2 4.0 3.2 2.2 .3 2.0 .1.1 1.2 3.2 4.0 3.2 2.2 .3	1.2 2.5 1.7 1.4 .6 .8 .5 .3 1.1 .5 1.1 1.7 .2 .6 .2 2.0 .8 1.1 1.1 .2 1.5 .3 .8 .5 .2 .2 1.5 .3 1.1 .5 .2 2. 0 .8 .8 1.5 .8 2. 1.2 .5 0.5 5.7 2.5 1.1 .2 2. 1.1 1.2 3.2 4.0 3.2 2.2 .3 88 88 88 88 88 88 88 88 88	1.2 2.5 1.7 1.4 .6 .8 .5 .3 8.6 .6 .2 5.3 2.0 .8 1.1 1.7 .2 .6 .2 5.3 2.0 .8 1.1 1.1 1.2 2 5.1 1.1 1.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 2 5.1 1.2 3.2 4.0 3.2 2.2 3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1

ASHEVIL	ISAR LF3 No.	C. 28h ^r	ł 1			DIRECTIO	REQUEN ON AND RLY OBSE	SPEED			SU	RFACE	WIN	DS
166	FREE	155 FR 8			PT		47-4	7,49-5	o .					P.P.
± 1 14			SIANO	N NAME		ALL "E				YEAR5			1500	40N'H -17€
						C	LASS						40	IJRS - N
						CON	DITION							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56	c.b	ME WII SPE
	N	1.1	, ó	2,6	3.3	1.2	1.1	. , 3					10.2	12
	NNE	• • •	, 2	- •	• 0	. 2	•	•					, 5	12
	NE		1.2	. 0	د و	. 3							2.6	
	ENE	• ?	. 2	, 5	.9	• 2							1.0	It
	E	•6	٠٥	. 3									1,3	
	ESE		يَّار	1.2		• 3	4	• •	. 2				3.0	13
	SE	1.1	1,5	. 2.0	1.1	. • 5	, • 5	ć •	. 3					12
	SSE S	1.4	1.Î	. B	1.7	. 5	3.5						5.1 4.2	1 3
	ssw	, to		. 4	• •		. 2						1.2	· ģ
	SW	1.1	.5				. 5	• 2					2.3	á
	wsw		, 2	. 2	, 2	. 2		•		•	•		5.7	- 4
	~	e to	θB	1.1	. 3		.5				-		3.6	10
	WNW	• 4	• 8	1.7	1.4	. 3	. 2		•			*	4.5	1 ^
	NW	• 9	2.5	5.1	3.0	4.0	. 9	• 2					17.6	12
	NNW	1.4	1.9	2 , 8	5.7	2.9	3.4	5.					18.1	14
	VARBI CALM		~	~~	\	~_<	~	~		^>_	<u> </u>	` >	13.5	
		10.	13.3	20.0	20.9	10.7	6.3	1.9	.5	7	***		100.0	10
										TOTAL NU	MBER OF OB	SERVATIONS		6
														,

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DATA PROFESTACE US.	1 F					NTAGE F DIRECTION DIM HOUF	DNA NO	SPEED			SU	RFACE	WIN	DS
106: 5.	FRUR	ISHER	SAV HYT	NAME O	PT		42=4	1,49-5	U	YEARS				NONTH
						ALL «ĕ	ATGES.						1 = O C	-} ↑ URS :5
						COM	DITION							
	SPEED KNTS DIR	1 3	4 6	7 10	11 - 16	17 21	22 - 27	28 33	34 40	4i · 47	48 55	≥ 56	94	MI W SP
	N NNE	2.4	2.4	3.1	4.4	1.4	8.1	. ć					15,9	11
	NF ENE	, Z	1.6	1.4	1.2		• 2	. 2					4.7	11
	E ESE		.5	1.0	3 9		• 3		, 5				2.3 2.4	17
	SF	1.4	3.0	2.6	1.0		3 7	• 3	• •				2.5	13
	\$.5£ \$	1.0	1.4	• 2 • 5	3		• 1		2				٠, ١	•
	SSW SW	•5 •5	. 5	.2	. 3				. 2				1.2	4
	wsw w	• 9	• 5	.7	• 2		,,,						1.0 2.4	10
	MMM	• 9	.7 1.2	6.3 6.3	.7 5.2	1,9	1.2						3.0 16.6	11
	NNW LARBL	. 9	.7	4.5	4.2	2.1	2.A	~			•• >		15.2	13
	MIA					>		\sim		,	·	/	14.1	
		11.7	14.1	23.0	50.0	6.5	ů . 4	•7	. 7	TOTAL NU	MBER OF OB		TOO # 0	•
										10121 1101	**************************************			
		USAF E	TAC	0-8 5 (OL 1	PPF + +1:**	·. i of Congress of the	W ARE ORSELET	ŧ						
			- 											
						~.								1
					• .	**								
						•								

	TAG, USA SHEVILLE	F	01M13 2860				NTAGE FI DIRECTIC M HOUR	ON AND	SPEED			SUI	RFACE	WIN	DS
1	66 3	PrinkIS	1 6 R - 0	THE YA	D:T 4	PT		42.4	7,49+51	c	reaus.				D II
							ALL WE.	ATI FIL						2100	-2301
							ions	ITION							
•	•														
1		SPEED KNIS DIR	1 3	4 6	ÿ - 1, 1	11 16	17 - 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56	45	ME A WIN SPEE
		И	2.1	3.7	3,9	٠,٠	2.3	1.4	. 4	. 2				17.7	11.
		NE	1.L	1.8	2.1	1.0	• • • 6		. 4	. 2				3.5 5.6	6. 10.
		ENE			• 2		. 2	s 2	-					.6	17.
		E ESE	• # • * ²	1.0	1. ii	1.4		• 7		• 4				3,3	8. 13.
		SF	• 6	2.3	4.3	1.0	. 4	• 4	. 2					7.7	0
		55k 5	• 0 • 4	1.2	1.4	, 4 , ;		• 6						4.1	9
		* y W				• 6				• 5				• 4	23.
-		A An A	• 4		• 2									. • • •	4 .
		• ·	• 2	• 2	1.0	,	4	• 6						1.6	5. å.
		+44	• 4	.ú 1.6	>,7	3.3	1.5	• 6						12.9	10.
		A A481	104	2.5	3,5	3.3	3.1	7.9		• 2				16.8	13.
			· •			>/		><	><					14.6	
			9.0	17.2	20.1	15.2	h . 4	1) . 4	1.2	1.0				100.0	٠,

)	DATA PRO	٨F										SU	RFACI	E WIN	DS
1:	ASPENILL	e, 1, 1	J• K88	.1			NTAGE F DIRECTION DM HOUF	DNA NO	SPEED						
	16623	Freeb	to-He t	AAV Carl	DUT A	1PT		42-7	o		YEARS				A V
							ALL AF	ATSIT H			Trans.			0000	-070
							CON	DITION							
1		SPFED KNT ₃ DIR	1 3	4 6	7 10	() (6	(7 - 21	22 - 27	28 - 33	34 40	41 - 47	48 55	≥ 56	Ģ	ME A WIN SPEI
		~	1.0	1.3	2,3	1.0	• •	• 1						7.3	٥.
		NNE NE	. <u>. i</u>	4.5	1.7	• 2	• 1	. 3						7.5 5.4	g.
		ENE	. 3	e À	1.2	1.0	• 9	• 1						4.3	1?.
		E ESE	• 7	• 5 • 7	1.1	2.1	د ه	• 7	• 1					5.3 3.3	17.
		SE SE	1.7	2.8	,7 3,9	2,4	1.7	. 1		• 1				14.2	10.
		SSE	1.4	1.5	1.3	9	7	• 4	• 1					5.2	9.
_		5	• *1	• 1	• 5	• 1								1.5	3.
T		SSW SW	• 1	. 4	. 1	• } • #								1.2	?• 6•
		wsw	V	. 1	. 1	•	. 3		•					3	12.
		w	• ?	. 5	. 5									1.6	
		7.M M1.M	1.3	2,3	2.7	3,2 3,2	1.1	.5	. 1					11.5	12.
		NNW	1.1	1.1	3.7	2.5	2.5	1.3	. •		•		•	12.3	ĩ2.
		VARBI LALM	<u>.</u>	^	^-<	<u> </u>	>_				~_		` - -	15.7	
			11.6	15.4	22.2	19.1	9.8	4.7	1.2	.1	.	` *		100.0	р •
											TOTAL NU	MBER OF OB	SERVATIONS		74
1															
			اع عمون	1A(08 - Qt 1 :	VF	uni di Awar gawa	M ARE CHEMICET							
	ļ					141									
(†							*							
	1						. 6								

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ETAC. U	UCESSIN Saf Lej m.	-	-			DIRECTIO	FREQUEN ON AND RLY OBSI	SPEED			SU	RFAC	E WIN	DS
156 13 300 13	FRUH	Iउत्स्हः स	AY NAT	DUT A	ρŤ		47=5	C		YEARS				Λ. Υ ΜΟΝΤΗ
						ALL AF	ATOFA IASS							1-050° ours is '
						CON	DITION							
	SPEED KNTS DIR	1 - 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56	æ	MEAN WIND SPEED
	N NNE	1.9	1.0	1.9	1.6	1.0	• 1						8 . ? 2 . 5	t • (
	NE ENE	1.0	1.4	2.7	1.1	. 4	.1						5,5	6.6 13.6
	E ESE	د .	• 7 • 8	1.2	2.2		. 4	• 1	•1				5.9	12.
	SE SSE	1.5	2.3	1,6	2.6	1.4	. 8	• 1	. 3				13.1	10.
	5 55W	1.8	• R	1.6	1.4	. • 4	. • 7	• 3					1.4	5.4
	5w 5w wsw	۱ د و	• 1	.3									. 7	7.4
	w	د د خ	• 3	4		.1		. 1					1.9	9.
	NWW	1.1	1.4	3.1	3.4	2.0	1.1						12.7	15.0
	VARBI	1.0	1.2	, j. 3	3.9	1.9	1.1	~ .3	•1	^. /	•		12.1 17.1	12.0
	MIA	11.2	12.4	22.9	20.4	9.0	>>6	1.0	, >< • • •	~ >~			100.0	٥.1
		,	****	~	4014	7.0				TOTAL NU	MBER OF OB	SERVATIONS		731
														, ,
		USAF ET	:⊖# ₇₄ AC {) 8-5 (Ot-1) #	RE-POINT FLATROP	45 of this back	M ARE ORSONET	i						
							M 481 OBSOR	· 						

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ETAC) U ASHIVIL	5 A F ()	°. 2840	1			DIRECTIO	REQUENT ON AND RLY OBSE	SPEED			SU	RFACE	WIN	DS
166	Fung	15/468 F	AV NOT	OUT A	.₽ †		42-51	ນ		YEARS				A Y NONTH
					i	ALL OF.	ATHER							⊸0AQ 0 ∪RS LST
						70NF	NOPTIC							
	SPEED KNTS OIR	1 3	4 6	7 to	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	G.	MEAN WIND SPEED
	NNE NNE	• 5 • 1	1.2	, Ģ	2.1	. 4	. 3						5.6 1.4	10.3
	NE ENE	.1	1.2	1.3	• 6 • 4	. 3	. 3						3.7 2.6	9.3 10.2
	E ESE	. • ⁹ • 6	.4	1.0	1.4	, 8 , 1	• 5	. 3					5.4 4.0	11.7
	SE SSE	1.7	1.7	3.0	1.8	1.2	• 6	. 4					11.4 8.0	11.3
	5 55W	1.0	. 5	.8	ģ	. 8	• 1						1.2	9.0 5.3
	SW WSW	1.0	.4	4				•			•		1.7	4.7
	W	ু ব ১		1.2	. 4	•1	• 1		. 4		•		3.5	10.3
	NW	1.0	1.7	3.5	4.9	1.4	1.2	. 1	•	•			12.5	11.7
	VARBL CALM		~	~		·				· ^>	· ^/		16.1	
		11.4	11.5	23.1	21.0	¥.0	4.7	1.4		•	·	,	100.0	9.3
											MBER OF OB			774

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ETAC)	DOGSSING ISAF LED N. C					NTAGE F	ON AND	SPEED			SU	RFAC	E WIN	DS
1460.3	8 1112 1	railau a	AV NAT	Out.		DM HOUF	RLY OBS		1 S)				٠,	· • •
16603 Station		, <i>3</i>	STATION	NAME	, , ,	ALL IF	ATHER	, , ,		YEARS				MONTH
						CI	.ASS							υRS LS
						CONC	HOITIC							
	SPEED KNTS- OIR	1 3	4 · 6	7 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	G.	ME WII SPE
	N	. 3	. 3	1.3	1.0	5		. 3					4.0	13.
	NNE NE			• 4 • 5		• 1 • 5							1.8	. P.
	E NE	. 4	1	. 3	. 9	9.5 H	• k		• 1				3.6	12.
	ESE SE	• 1 • ô	3.2	4,4	2.5	1.3	1.2	. 4	. 3				3 .2 1 3 .4	11.
	SSE	. 4	1.8	1.8	1.4	1,3	• 9	. • •	• •				3.1	11.
	s ssw	1.7	2.1	2.5	1.2	, , 6	. • 4	•					2.5	. 8 5
	\$W W\$W	فيا دو	6	, 8	• 1	. 3							2.7	8
	w wnw		1.0	1.0	1.4	• 1 • 8	•1	•1	. 3				3.5	10.
	HHM HM	1.0	1.0	4.0	6.3	2.7	1.2	. 3					16.3 13.6	12,
	VARBI CALM	-		^		~		~			· ~ _/	· 	- A.A	
	Cutw	11.3	13.6	22,9	22.5	12.5	6.5	1.2	.6	·-	,		100.0	10,
										TOTAL NU	MBER OF OB	SERVATIONS	,	77
		USAF E	TAC 101 64 (0.8.5 (OL 1)	PREVIOUS FORK	atis out the FOR	M ARE OBSOLE	16						
		· 												1
														ļ
							inger Stand Stand							
					•	,	4 2							}
ļ														

	ETAC, USA	ESSING										SU	RFACE	E WIN	DS
	ASHF VILLE	· • · • · •	. 2889	1		PERCE	NTAGE F			N'ND					_
						(FRC	DIRECTION HOUR			NS)					
	16693	Fe9si.	Secretary of	AV MAT	1 0 d 1 7	\PT		42-9	o						· A Y
	574760%			STATIO	N NAME	•	ALL SE		•		YEARS				MONTH
								ASS							OURS (5
							CONI	NOITION							
		SPEED KNTS:	1 3	4 6	7 10	11 16	ı 7 - 2 1	22 - 27	28 33	34 - 40	41 47	48 55	≥ 56	q.	ME Wi
		DIR	ۇ پ	3	1.4	1.9	1,2	. 6						5,7	SPE
		NNE	.5	. 3	.3	.1	, 3 , 0	. 4					•	1.5	15
		ENE	. 5		4	. <u>\$</u>	• 3	. 3						1.7	13
		ESE		.1	3	. 6	. 8	• 4	. 3					1.9	14
		SE SSE	1.3	1.8	2.7	3.1	1.2	• 9 • 5	• l	4				11.9	11
		s ssw	1 9 3 9 5	2.7	2.1	2.7								7,3	7
		sw wsw	. 9	1.2	. 1	•1					•			2.5	3
		w	• 14	1.5	1.3	. 3	<u>.</u>	. 3	. 1					3.5	11
		NW	. 5 • 1	1.2	1.2	5.5	3.9	1.4		. • •				16,4	13
		NNW VARBL	a ä	د.	3.0	4.6	2,5	2.2						13.4	14
		CALM	9,5	14.5	20.0	25.9	13.5	7.4	><	>>< .5	\searrow	**		7.2	11
			, , -	• •				. • •	•• ,	. ••	TOTAL NU	MBER OF OB	SERVATIONS		7
															,
				FORM											
			USAF ET	AC Jul 54 (0 8 5 (Ot 1)	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLET	ŧ						
T															•
							in in the second								
i							ີ່ ∗ ່y.	Δ:							

	ASHEVILLE		. 28	i01			PERCE	NTAGE F			WIND		SU	RFAC	E WIN	DS
							(FRC	DIRECTIC M HOUR			1 S)					
	1661-3 STATION	FRJR!	SHER	3 A V	No T	NAME	APT		42=5	Q		YEAR5				A Y
								ALL WE	ATHER ass						150 0 но	-17(URS (S
								CONE	MOITIGN							
		SPEED														ME
		KNTS	1 3		4 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	4	WII SPE
		N		•	• 5	1,3		1.4	1.2	. 3					7,7	14
		NE	. ,	3	. 1	5		, 5	• 1						1.0	10
		ENE		ļ	. 3	. 3	. 3		î			*			1.7	13
		E	•		. 3		1 6		, 3						3.0	15
		ESE SE	. 1 e :		1. 2.8	3,3	3.5	5 1.2	, , , <u>, ,</u>	. 3					13.8	16
		SSE		į	1,7	2.3		. 9	1.4	• •					10.3	12.
		5	1 . 4	4	2,5	2.1	1,4	4							7.5	7
		ssw sw	1.	,	• 5 • 3	.1		. 3				•			3.3	3,
		wsw		•	• 8	1		_							1.5	5
		w			1.3	1.0		• 3		. 1					3.1	10
		NW		i	1.2	2.7		• 5 • 0	1.3	• 1	. 3		÷		16.9	14
		NNW			. 5	3.1		1.8	1.2	. 5	• 1			•	៊ី 11.ຈ	14
		VARBL		_			/ _ /	<u> </u>		<u> </u>	<u> </u>	~	~	~	6.6	
		CALM	~ 9•9)) 1	5,2	~~ 20.1	26.7	12.0	7.5	1,5	, > <u>`</u>	, , , ,	y		100.0	. 11
												TOTAL NU	MBER OF OB	SERVATIONS	,	7
																•
			USAF	ETAC	+O## IUI 64)-8-5 (OL·1) PREVIOUS EDITIO	ON'S OF THIS FOR	M ARE ORSOLE!	F						
T						~										-
							10 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m		- سلارات							
1									*							
- 1																

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DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 1660/3 FMOHISHER AAY NAT DIST APT 42=50 ALL REATHER CLASS CONDITION SPEED KNTS: 1 3 4 6 7 10 11 16 17 21 27 77 28 33 34 40 41 47 48 55 ≥ 56 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		PATA PRUI FTAC, US ASHEVILL	۸۴										SU	RFACI	WIN	DS
SPEED 1 3 4 0 7 10 11 16 17 21 27 27 28 33 34 40 41 47 48 55 ≥ 56 9 Mount 10 0 0 0 0 0 N		HJVV VICE			· •			DIRECTIO	ON AND	SPEED						
CHASS CONDITION SPEED KNITS- DIR N		16603	FROB!	ISHER F	AY NET	DOT A	PT		42=5	o o		YEARS				
SPEED KNIS- DR N 1.3 3.2.2 2.4 5.7 1.1 NNE NE 3.4 3.5 3.3 3.3 1.1 1.7 1.1 NNE NE 3.4 3.5 3.3 3.3 1.1 1.7 1.3 1.3 ENE 9.7 4.1 2.1 2.2 E 9.7 4.1 2.1 2.2 E 9.7 4.1 2.1 2.2 E 9.7 4.1 2.1 2.2 5.2 1.3 5.3 1.3 1.3 1.3 1.3 1.3 1.3															1 0 0 C) ~ 2 ∩ (HURS ± S
N 1 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 ≥ 56								CONE	DITION							
N 1.3 .3 2.2 2.4 .5 .7 .7 .6 11 NNE			KNTS	1 3	4 · 6	7 - 10	11 !6	17 21	22 - 27	28 33	34 40	41 - 47	48 - 55	≥ 56	G.	ME WII SPE
NE			N	1.3				•							7.6	11,
E			NE			. 3		. 3			• 1			•	1,3	13,
SE 1.5 3.7 3.7 2.8 .5 1.3 .3 .1 13.4 10 .5 .5 .1 1.3 .3 .1 13.4 10 .5 .5 .1 1.4 .5 .5 .1 1.5 .5 .1 1.5 .5 .5 .1 1.5 .1 1.5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .			Ε	. 7	• 4	1.2	. 9	1.0	• ?	1	. 1					13
S 1.0 1.6 1.4 .7 .3 .5 .0 .7 .5 .5 .0 .7 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5				1.5		3.7		1.0	1.3	. 3						10
SW 1.4 .5 .3 .1 .1 .2 .5 .5				1.0		1.4	. 7	.3	•	•						7
WNW .3 .7 1.0 .9 .7 .5 .4.1 12				1.4	. 4	. 4	• 1								1.7	5 6
NNW .9 .8 2.5 3.7 1.6 1.7 .8 11.9 14 VARBL CALM 12.1 13.4 23.9 21.8 8.8 8.4 1.2 .3 100.0 10				• 5 • 3	1.2	1.0	. 0	. 7	. 5						4.1	
12.1 13.4 23.9 21.8 8.8 8.4 1.2 .3 100.0 10			NNW		1.4		3.7	1.6	1.7	. 8					11.9	14
				><	<u> </u>	> <	><	><	><	><	><	><		><	10.2	
TOTAL NUMBER OF OBSERVATIONS 7				12.1	13.4	23.9	21.8	8.8	8.4	1.2	. 3		-		100.0	10
												TOTAL NU	MBER OF OB	SERVATIONS		7
				USAF E	TAC FORM	0-8-5 (Ot-1)	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLET	E						
USAF ETAC FORM 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	7															
USAF ETAC FORM D. 8.5 (QL.1); PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE							7.3		e.							
								TA Nev	, , , , , , , , , , , , , , , , , , ,							
	- 1															

FTAC, (Ashevii	CESSIN 15AF LE, M.					NTAGE F DIRECTION M HOUR	N AND	SPEED			SU	RFAC	E WIN	DS
16503 STATION	FAUG	ISHEP F	TK VA	DUT A	101		42-5	o		YEARS				Λ ∀ моілтн
						ALL *F	ATHER			- CANG			2100	
						CONE	DITION							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 - 47	48 - 55	≥ 56	St.	ME: Wit
	2	1.1	1,3	2.1	2.3	1.5	.4						, R.7	SPE
	NE NE ENE	2 . 4	1.9	1,3	.5	. 4			.1	•			2,3 5,8	7. 15.
	E ESE	1 1.1	. 48 . 5	1.3	1.0	.3	.3	• 1	.1				3.1	12.
	SE SSE	1.9	3.7	1.9	2.0		1.7		. 4			•	14.2	10 10
	s ssw	2.0	. 4	.3		i				•			5_9	4
	sw wsw	• 5 • l	.3	1		.3			•				1.5	. <u> </u>
	WNW	. 5		. 5		. <u>. 1</u>	9							13
	NW NNW VARBL	. • ą	2.3	2.9	3.2	1.7	1.6	4					10.3	11.
	CALM	><		<u></u>		><	><	><	><		·	><	(13.1	
		13.5	17.4	21.9	17.0	8.1	7.2	•5	.7				100.0	?•
										TOTAL NUA	ABER OF OB	SERVATIONS		74
		USAF ET	TAC III AA ()-8-5 (OL-1) #	PREVIOUS EDITION	IS OF THIS FORA	ARE OBSOLETE							
		USAF EI	FCPM (10164 ()-8-5 (OL-1) =	PREVIOUS EDITION	IS OF THIS FORA	L ARE OBSOLETI							

FTAC. U.			·								SU	RFACE	WIN	DS
ASHEVIL	F, N.	(. 28 40	1			NTAGE F			WIND					_
						DIRECTIC M HOUR			NS)					
166.13	FROS	lomes B	AY NAT	DOT A	PT		42=5	o					ų	. 1
STA: ON			STATION	NAME		ALL UF	ATHER			YEARS			0000	₩0N1H
							ASS						но	URS ILST
						LONE	DITION							
	SPEED (KNTS)	1 - 3	4 6	7 10	11 - 16	17 21	22 - 27	28 · 33	34 - 40	41 47	48 - 55	≥ 56	q.	MEA
	DIR.	1.2	2.8	2.9	2.0	1.2	. , 7						10.4	SPEE
	NNE	: 1	. 6	. 4	1.3		• .		•				2.3	7
	NE EME		1.3	. ÿ	. 8	. 1			•	•			2.4	10.
	E	. 3	1.6	1.5	. 7	. 4	•1						5,5	8.
	ESE	୍	3.	9	. 9					•	•		3.5 15.6	. 7.
	SE SSE	3.0	4.8	5.1	1.7	.4					÷		5.0	· 6
	5	2	1.7	, 5	. 3	1							3 . 9	3,
	ssw	. 3		. • 4									1,2	4 .
	sw wsw	. 5	• 4	. 1	.1	. 4			•	•	•		1.6	10
	w		. 3	1.3	• 1								1.9	7
	NM ₩NM		.8 2.4	5 . 4 . 5	2.1	. 7	. 1					*	7.0 10.4	á
	NNW	2.4	1.6	٠, ٥	2.4	1.5	. 8		•				12.3	10
	VARBI CAIM	\geq		><	> <	>/	><	> <	> <	>		>	15.7	
		15.0	21.2	25.5	14.0	5,5	1.7						100.0	7,
										TOTAL NU	MBER OF OI	BSERVATIONS		73
			FORM											
		USAF ET	TAC HH 64	0-8-5 (OL-1) I	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLET	IF.						
T														
}					1	2								
1					ير. معادد اس									
					3	7	i i i i i i i i i i i i i i i i i i i							

A.

1	FTAC, USA ASHLVILLE) v (. 288C	1			DIRECTIO	ON AND	CY OF WIN SPEED ERVATIONS)	ID	SUF	RFACE	WIN	DS
1	16633	FROBI	La IER A	THA YE	DUT A	197		42-5	o o	YEARS				LINO MONIH
							ALL WE	A THEP					0300	-0 401
								DITION					NO.	OK - (5)
		SPEED KNTS: DIR	1 3	4 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33 3.	4 40 41 47	48 55	≥ 56	rą.	MEA WINI SPEE
		N NNE	• # • 1	1.1	2,5	2.0	. 1	.5					7.7	10.
		NE		.7	1.7	. 7		• 3					1.5	9.
		E ESE		. 6	1.1	Ÿ	. 4	. 5					3.7	12.
		SE	2.7	5,7	5.6	1.7	• 7	ä					17.2	7.
		SSE S	1.9	1,6	1.6	1.3	•1						7.3	4.
		sw	9	. 3	. 4	• 1							1.3	4 e
		wsw w	• l	.3	. 9	. 3	1	. 3		•			2.3	11.
		WNW	1.3	1.2	1.1	2.8	. 4						2.0	. A.
		NNW VARBL	1.0	2,3	3.5	3.0	1.5	. 8					13.2	10.
		CALM	><		><	>	><	><	><>	~		><	17,1	•
			12.1	19.8	27.6	15.5	4,4	3.5	•	•		-	100.0	7.
										TOTAL N	IUMBER OF OBS	ERVATIONS		74
			USAF ET	AC RH 54	85(OL1) =	PREVIOUS EDITIO	INS OF THIS FOR	W ARE OBSOLET	ŧ					
					~								-	1
														- {
								2, 4						ı

ASHLVILL		C. 2580	1			NTAGE F DIRECTION M HOUF	DN AND	SPEED			SU	IRFACE	WIN	DS
1060 %	FRUR	Ishek b	Tw. A. V.A. OITATO	TUC	PT		42-5	e		YEARS				I ic MONTH
						ALL FE	ATHER							-O FID IURS LST
						CON	DITION							
	SPEED KNTS: DIR:	1 - 3	4 · 6	7 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 47	48 · \$5	≥ 56	Œ	MEA WIN SPEE
	N	4	. 4	2.0	1.3	1.1	1,2						7,3	13.
	NE		. 9	5	3	. 4	• 1						3.1	12
	ENE			1,1	. 3		• •						1.6	8
	E ESE		. 1	1.1	1.1		1						1,9	10.
	SE	9.4 3.3	4.4	4.8	4.0	1.1	1	• 1					14.0	, a
	SSE	2.7	3.2	4,3	1.7	. 4							12.3	7.
	s ssw	199	3,1 1,3	2.1	.5								7,6	4,
	<w< td=""><td>1.2</td><td>1.9</td><td>.5</td><td>i</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.7</td><td>5</td></w<>	1.2	1.9	.5	i								3.7	5
	wsw		• 7	• 3	. • 5	. •1	. 1						3.3	11
	WNW	• 5 • 7	• ở • 4	1,5	• 4 7	,1			•			•	2.9	٩
	WM	• 7	1.1	4.3	3.5	. 8	. 4	1					10.8	11
	VARBI	1.5	.7	3,7	4.5	1.1	` 1.2 ^-	~		~ /			12.7	İİ
	CALM	15.0	19.2	_>< 28.6	19.8	<u></u>	3,9	<u>,</u> ,	,><	J >< .			7.6 100.0	. 8
		13.0	1.44	24,0	.,,,	244		. • /	•			BSERVATIONS	1001	
										IOIAL NUM	ABER OF C	DRZEKVATIONS		7

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ASHIVILL	AF Fylig (^. გს ი:	.1			NTAGE F DIRECTION DIRECTION	DN AND	SPEED			SU	RFACE	WIN	DS
166,2	Fort	lantik 5	Tari VA	7-1 9 2	PT		42-5	ŋ		YEARS				n Da
						ALL SE	ATHER			76443			0.0 (c. u)	MON"H)-11
						CON	DITION							
	SPEED KNTS	i 3	4 6	7 16	11 16	17 2!	22 27	28 33	34 40	41 47	48 55	≥ 56	Ġ	MI W
	DIR		. 5	1.2	1.4	.9	• B	7					5.7	5P
	NNE	. 1	. 5	• 5	• 5			1		-			1.5	12
	E NE	٠		. •9	• 3	• 7							7.1	13
	F	, , i	• 1	1.2	• 4	. 3	• 1						2.0	12
	ESE SE	2.0	3.5	4.8	4,4	• 1	4	• 1	1				15.0	7
	SSE	2.7	0.4	5.2	3.1	. 4	3						18.0	7
	S SSW	1.2	2,8	4.5	1.3	. 4	. •1		•				10.4 2.9	7
	sw wsw	. 7	1.2	1.7	, j	. 1	. 3						3.6 2.5	12
	w	• 7	• 4	1,2	1.5	. • •	• •	1					3.7	Fj
	NW	• 5	.7	3,9	1.2 3.1	9	• 1						3.1	- 5 - 11
	WNN	. 0	1.2	2.5	2,9	3.1	1.9	• 3					17.7	14
	VARBL	><	~	~	\	\	<u></u>	<u></u>		~	·		3.2	
		10.9	19.1	31.2	22.1	7.6	4.3	1.5	.1	Ψ			100.0	g
										TOTAL NUM	NBER OF OB	SERVATIONS		7
	- — — —	USAF FT	AC SILEA (98-5 (Ot 1)	MENION EDITION	AP OF THIS FORM	M ARE OBSOLET					- 4		T
					•									

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														1

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ASHEVIL	SAF LT, M. C	, 01VIS (. 28e≏				DIRECTIO	REQUENC ON AND RLY OBSE	SPEED			SUI	RFACE	WIN	DS
166.3	FR961	S-188 3	AY MaT	THE A	191		42-5	د		YEARS				J N MONTH
						ALL WE	ATHER ASS) -] & () () DURS (5 T
						CONI	DITION							
	SPEED KNTS: DIR	; 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	۴	MEAN WIND SPEED
	N			. y . 3	1.1	1.1	1.1	. 1					4.5	16.6
	ENE NE	• 1	• 7	• 7	• 4	• 1 • 3	• 1						2.1 	11.9
	E ESF SF	. i 2 • 1	.4 ! 4.5	7.7	4 4 4	• 1 • 1 • 9	. 5	• i	. 1				1.3	14.4
	sine si	1.1	6.1 2.9	5.2	3.1 1.7	. 4	3	• •					16.0	5.3 3.0
	SSW SW	, ļ	2.0	2.5	• 1 • 5								3.1	7.6
	WNW W WHW	•1 1•1	.5	1.6 .d 2.1	.3 .5 1.5	• š							2.4 2.1 5.5	10.2
	NUM	, 5	. j	2.9	2.7	1.6	2.1	. à	•1				A A 12.5	12.0
	7A981 31.9						><	><		~			2.5	
		7.i	22.1	32.1	21.5	€.0	5.5	, 9	.3	4			100.0	10.1
										TOTAL NU	MBER OF ORS	FERVATIONS		790

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER-TELL FIG. 47. AC-A100 248 FROBISHER BAT, BAFFIN ISLAND, NORTHWEST TERRITURIES, CANADA. HE ---JAN 70 CLASSIFIED USAFE FAC/DS-81/043 581E-AD-E850 071 ** 2 № 4

	SHEVILL	Ą F	. 588≥ • 588≥				DIRECTIO	ON AND	ICY OF V SPEED ERVATION			SU	RFACE	WIN	DS
	16603 STATION	FROBI	5-1FR 3	AV PAT	()):T 3	IPT		42=9	0		YEARS				MONTH
							ALL wt	ATMER.							-170
							CONE	MOITIC							
		SPEED KNIS DIR	1 3	4 6	7 10	11 - 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	Ģ	MEA WIN SPEE
		N NNE	• l	. 4	1,9	2.0	1.1	1.1	• 3					4, 9	14.
		NE ENE	;;	, 3	5	• 9	• 1							2.5	10.
		E ESE	. 1		. 5	ý	. 4	•3	• 3					2.3 1.1	16
		SE	1,5	5.9	9.1	4.3	. 3 . 8	. 7	• 1.	•1				22.4	?.
		SSE S	1.9	3.2	3.3	3.1	. 4							14.7 10.A	7.
		ssw sw	• 2 1 • 4	.7	.7 .e	• 1	•1	. •1						1.3	Ģ.
		wsw w	9 3 4	. 4	1.2	. 3	. 3							3.3	5. 11.
		WNW	. 7	š	3.5	3.7	9	3						9.7	10.
		NNW VARBL	• 6	, 3	2.1	3,6	3.1	1.7	• 3					11.7	15.
		CALM	><	\sim	\sim	><	\nearrow	$>\!\!<$	><	> <	\sim			3.2	
			9.6	16.4	31.5	23.1	8.0	>.1	• 9	1	•			100.0	10.
											TOTAL N	JMBER OF O	BSERVATIONS		74
			USAF ET	AC IOL 64 (0-8-5 (OL-1)	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLE	16						
T									*****						
1															
•						يرد .									

PVILLE,		(<u>. 2</u> 8#0	* Power Y A	A TEST	(FRC		DN AND LY OBSE 42-5: ATHER ASS	SPEED RVATION		YEARS			1600	U-N WONTH
13 14,5	F-K-38 1	Corps w	STATION	PUT A NAME		CL	AT+ER	0		YEARS			1600	момтн - 200
						CL	ASS						1000	-200
						CONIC								
						COM	illion							
	SPEED KNTS: DIR	1 - 3	4 6	7 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	Ģ	ME/ WIN SPE
	N N.NIE	-1	19	2.0	2.3	. 4		• 1	•	•	-		. 6 <u>.7</u>	12.
	NE	. 1	5	1.2	. 7	. 1	•••		•				2.9	10
	E		. 3	. 7	9	4	• 1						2.7	11
	Sŧ	4.0	8 . 8	7.5	3.7	. 9		•	•				24.7	7
	5	1.4	2.3	2.1	7	5	.1						6.9	7.
	sw	. 4	ق و	, 5	1	• 1							1.5	7
	w	• £	. 4	. 9	. 7		. 3						2.4	10
	NN/W	. b	1.3	5,3	3.3	2.4	7.3						12.1	10,
	VAPBL CALM		~	~><	\	·		· ~~		· ->-	· ~	· - - -	6.3	
		10.9	20.1	30.5	20.5	7.5	4.0	.1	Ψ´ \	¥ .	•		100.0	9
										TOTAL NUM	ABER OF OB	SERVATIONS		7
		N NNE NE ENE E E ESE SSE S NNW SW WNW NNW NNW VAPBI	N 1 1 NNE 1 1 NNE 1 1 NNE 1 1 NNE 1 1 NNE 1 1 NNE 1 1 NNE 1 1 NNE	N 1 9 NNE 1 5 NE 1 5 ENE 3 3 ESE 1 3 3 SSE 4 C 8 8 SSE 1 5 3 1 S 1 2 2 3 SSW 4 3 SSW 4 3 WSW 1 3 WSW 1 4 3 WSW 1 4 4 WNIV 5 1 3 NNIV 5 1 3 NNIV 5 1 3	N 1 9 20 NNE 1 3 3 NE 1 5 1 2 ENE 3 7 E 5 1 3 7 E5E 1 3 7 SSE 4 C 8 8 7 5 SSE 1 5 3 1 3 2 S 1 2 2 3 7 1 SSW 9 4 3 5 SSW 4 3 5 WSW 1 4 4 5 WSW 1 4 4 5 WSW 1 4 4 5 WSW 1 4 4 5 WSW 1 4 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 4 5 WSW 1 5 W	N 1 9 20 23 NNE 1 3 1 2 9 ENE 1 5 1 2 9 ENE 3 7 9 ESE 1 3 9 3 7 9 ESE 1 3 1 3 2 1 6 S 1 2 2 3 2 1 7 SSW 9 4 3 4 SW 4 3 5 1 WSW 1 4 9 7 WNIV 5 1 3 5 3 3 3 NNIV 5 1 3 5 3 3 3 NNIV 5 1 3 5 3 3 3 NNIV 5 1 3 5 3 3 3	N	N	N	N	N	N	N	N 1 9 20 2 3 4 6 1 6 7 NNE 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

7.

	ASHEVILL		. 28ko	1			NTAGE F DIRECTION M HOUF	DN AND	SPEED			SU	RFACE	WIN	DS
	16663 STATION	FK(iH[SHER	AY NWT	DIT A	PT		42-5	0		YEAR5				FIC!
							ALL VE	ATHER			•			2100	-230
							ĆŎN	DITION							
		SPEED KNTS: DIR	1 3	4 · 6	7 10	11 - 16	1 7 · 21	22 - 27	28 33	34 40	41 47	48 55	≥ 56	94	ME WII SPE
		N	1.3	1.2	4.3	1.9	. 4	. 7	• 1					7.9	9.
		NE NE	. 3		1.1	1.1	• 1		. 1					3.3	10,
		ENE E		.7	1.9	. 9							-	2.4 3.5	ll.
		ESE SE	۱۱ ه. ۱۱ ه. از	6.0	1.5	2.1								3.0 18.4	7
		SSE	1.1	2.0	2.1	1.6	. 3							7.1	ħ,
		\$ \$\$W	• 7	1.1	. 8	• 1	• 1	. •1	•					3.6	7. 6.
		sw wsw	. I • i	• 7	. 6	.3								2.F	5
		w ww	• 1	. Î	4 9	. 3			•				• •	2,4	, A
		NW	1.2	1.5	5.2	2,4	7	. 3						11.3	9
		NNW V:RBL	. 1.1	. 1,5	4.4	. 4.4	9	• •						13.2	111
		CALM	\sim	` <u></u>	>	17.8	>	\sim	><	<i>></i> <	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	\sim	13,9	;
			13.5	17.4	30.7	7140	4.5	5 • 0	. 3			MBER OF OB		140.0	7
											IOIAL NU	MBER OF OB	SERVATIONS		7
			USAF ET	AC JUL 64	0-8-5 (OL 1) (PREVIOUS EDITION	NS OF THIS FOR	M ARE OBSOLET	Ē						
-															
	 					lone.		- 1							
	Î														

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, M. C. 28801 **SURFACE WINDS** PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 16603 STATION FROBISHER DAY NAT DOT APT 42-50 MONTH 0000-0207 ALL VEATHER CLASS CONDITION MEAN WIND SPEED 7 - 10 17 21 1311 1 10.1 NNE NE ENE Ε ESE SE s SSW 5W wsw W WNW • 1 NW NNW VARBL 25.0 CALM 10.9 30.0 13.5 . 3 100.0 6.2 TOTAL NUMBER OF OBSERVATIONS 775 USAF ETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

	PATA PROCE FTAC, USAF ASHEVILLES	F						PERCE	NTAGE F	REQUEN	CY OF V	VIND		SU	RFACI	E WIN	DS
									DIRECTION HOUR	ON AND	SPEED						
	166/3 STATION	FREB	IS:	4 6.3 9	AV 5	UT ATION	TOT !	APT		47=5	o		YEARS			J	U. MONTH
									ALL NE	ATHER							-050
									CON	NOITION							
		SPEED															ME
		-KNTS: DIR		1 3	. 4	6	7 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	ř	SPE
		N		1.0		6	1.2	2.3	. 5	. 4						6 <u>_1</u>	10
		NNE NE		. 4		4	, 0 . 1	. 5		•	•					2,3	7.
		ENE		يا و		,	. 3	. 3								• 7	P.
		E ESE		, i	. •	9	, g 1, 0									2,3	7
		58		1.7	3		3.1	1.4	, 3				•	•		10.5	á
		SSE		1.7	3.	2	2,1	1.0	• 6	4					•	9 0	B
		s ssw	-	1.7	. 2.		1,2	ı i		5	. •1					2.6	8 9
		5W		1.4		4	.5	• •	3	-				•		1.9	3.
		wsw		. 4		3	, 1	• 1	.1							1.0	R
		www		. 6	. 1.	9	, 6	1			-					2.5	5.5
		NW		2.5	1		2.3	2.3	1.0	. 3					•	9 A	· 6
		NNW		3.0	1.		4.6	2.3	1.8	. 3		•1				13.8	۰,
		VARBI CALM	_	><	<u></u>	_	<u> </u>	\	~	`><	~	·><	^	~	^><	24.3	
				17./	17.	8	19,4	13.4	4,0	2.6	•1	•1	· ·	` r		100.0	. 6
													TOTAL NU	MBER OF OB	SERVATIONS		77
				USAF E1	FAC FO	64 O-1	8-5 (OL-1)	PREVIOUS EDITIC	DNS OF THIS FOR	M APE OBSOLE!	f						
T																	
							ž. *	1	-	**							
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SPEED 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥ 56 %	υ2	WINI	RFACE	SURF			EED	AND S	ITAGE FF DIRECTIO M HOUR!	[1	. 28 401		ETAC, USA ASHEVILLE	15
CONDITION SPEED NNTS 1 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 ≥ 56 N	JUL				YEARS	,		42-50		PT	DUT A	AV ANT	SHER RA	FROBI	166 U 3 STATION	
SPEED ANTS ON ANTS N A A A A A A A A A A A A	0-080 DURS LS							HEN.	CLA MEN	i.						
NOTE 1 3 4 6 7 10 11-16 17 21 22 27 28 33 34 40 41 47 48-55 ≥ 56 4 10 10 10 10 10 10 10 10 10 10 10 10 10								N	COND							
NNE	ME/ WIN SPE	9	≥ 56	48 · 55	41 47	34 40	28 33	22 - 27	17 21	11 - 16	7 - 10	4 6	1 - 3	KNTS		ı
NE	11.	3.9		•					<u>.</u> 8					z		
E 1	6	۸	**					.1	• •	. 3		1		NE		
SE 3.0 3.5 3.7 2.1 .9 1.0 .1 .13.9 .5 .3 .1 .4 .5 .1 .9 .5 .3 .5 .2 .4 .5 .3 .2 .5 .9 .6 .1 .12.3 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	11.	. 3	*							1	4		. 1	E		
S 2 M 5 3 2 5 9 06 1 12 3 3 4	7.	13.9					•1	1.0	. 9	2.1	3.7	3.5	3.0	SE		
SW 1.3 1.9 .3 .4 .1 .1 .2 .7	6	12.3						• 1		9	2.5	5,3	2.4	s		
WNW 3 ,5 ,6 1.3 .7 .9 1.0 .1 .9 .5 .9 .7 .9 .4 .0 .6 .1 .2 .2 .2 3.1 .9 1.0 .1 .1 .2 .5 .9 .7 .8 .9 .4 .0 .6 .1 .1 .2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	6.	3.9										1,9	1.5	5W		
NW 1.6 1.3 3.1 3.4 Z.1 .9 1.0 .1 12.5 VARBL CALM 17.4 23.4 Z1.8 15.7 6.5 4.0 .6 TOTAL NUM R OF OBSERVATIONS	4 . 5 .	I.P			• •			•	• • •		. 3	.6	• 4	w		
17.4 23.4 21.8 15.7 6.5 4.0 .6 TOTAL NUMBER OF OBSERVATIONS	11.	9.7							2.1	3.1	2.2	1.2	1.4	NW		
TOTAL NUMALIR OF OBSERVATIONS		10.6	><_	>		><	×<	×<	><,		><		><			
	7,	100.0	1				ø 6	4.0	6.5	15.7	21.8	24.4	17.4			
	71		ERVATIONS	, R OF OBSERV	TOTAL NUM											:
USAF ETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OF WHETE																
USAF ETAC FORM 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OFFICIETE																
								E OFWIFTE	S OF THIS FORM	REVIOUS EDITION	-8-5 (OL·1) P	AC HIL 64 0	USAF ETA			
													,			· · · · · · · · · · · · · · · · · · ·
										\$ 1.4.						
								. .) **	***						ļ

ETAC, US ASHEVILE	۱F	G DIVIS				NTAGE F DIRECTION DIM HOUR	DN AND	SPEED			SU	RFACE	E WIN	DS
16603 STATION	FRITH	ISHER D	TWIN YA	DUT A	PT		42=3	6		YEARS				MONTH
						ALL WE	ATHER						0900 HC	-11 URS LS
						CON	DITION							
	SPEED KNTS: DIR	1 · 3	4 6	7 10	11 - 16	17 - 21	22 - 27	28 33	34 · 40	41 - 47	48 - 55	≥ 56	9 4	ME WI SP
	7E 7 Z E 7 Z	.1	. 3	.5 .4 .3	.6	1.0	. 4	3		•		•	3.4 1.6	10
	ENE E	-	• 1	ز. 3	•	. 4		•	•	•	•		3	12
	ESE SE	1.8	3,2	4.5	2.6	4	. 5	• 1					13.7	. 12
	SSE S	2.1	4.4	5 . v	3.5	1.4	.6	•1					21.8	· 良
	ssw sw	• 6 • 8	1.6	1.9	.4	.1							4.7	7.5
	wsw w		2.1	1.0	. 3	.1	• 1	•		•	•		2.2	,
	MMM	1.4	1.2	1.6	1.7	1,3	. 1	. 4			•		7,3	12
	NNW VARBL	1.7	1.0	2.5	2.5	1.2	1.4	. 8	·			· -	12.6	13
	CALM	><	, ,	<i></i>				>	<i>></i> <	\searrow	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	><	3,5	
		11.1	27.1	24.5	16.7	7,1	4.0	1.9		TOTAL NI	MRER OF OF	SSERVATIONS	100.0	7
										TOTAL NU	IMBER OF OE	SSERVATIONS		
			(Class											
		USAF E	IAC RIL 64 (0-8-5 (OL-1) P	REVIOUS EDITION	NS OF THIS FOR	M ARE OBSOLET	f						
					3		Graya							
- 1					2 Tayl	***	,							

SOPA			TAILON	DOT A	(FRC	NTAGE F DIRECTIC DM HOUR	ON AND LY OBSE	SPEED RVATIO		YEARS		RFACE	J 1200	11401 -1401 URS 151
5 y William Programme State (1994) and the state	FRSel:	SHER n	TWIF VA	DOT A	(FRC	ALL WE	LY OBSE 42=5: ATHER	RVATIO	NS)	YEARS			1200	момтн = 140
5.72 nanon	PRSEI	SHER n	TWIFE VA	DOT A	PT		AT:=FR	n		YEARS			1200	момтн = 140
														UK3 [5]
						CONE	DITION							
	SPEED													MEA
	KNTS DIR	1 3	4 6	7 - 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 55	≥ 56 	د .	SPEE
	N NNF		3				, 4 , 1	• 3					7,6	16.
	NE	i	. 1	. 6		. 3	1						1.6	11.
	E E		٤.	. 4		. 4	. 3							11.
	ESE	وأور	3 5		. 4								1.3	. 8. 9.
	SSE	1.0	7.9	0.3	3.9	1.0	. 9				•		27.4	, Ģ.
	5 \$\$W						. • <u>1</u>						4.9	. B
	sw	. >	3.2	2.6	. 4				•				6.7	. A.
	wsw .		.1	1.7	.5		• 1						2.1	11.
	wnw .	1.7	• 3	1.0	1.4	• Ö							4.2 6.5	. 13.
	NNW	2	.6	1.0	2.8	1.7	1.4	. 4					9.0	14.
	VARBL CALM	<u></u>	~_	~	~	\	<u>\</u>	\	~	^><		`><	Z.1	
		H . 7	23.1	32.8	18.2	8,3	0.2	. 6					100.0	9,
										TOTAL NU	MBER OF OB	SERVATIONS		77
		NNE NE NE NE NE NE NE NE NE NE NE NE NE	NNE NE NE NE NE NE NE NE NE NE NE NE NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE 1 3 3 3 4 1 1 4 1 4 1 4 1 1 4 1 4 1 1 4 1 4

ETAC, USAF ASHEVILLE,		. ¿Яb(1			NTAGE F DIRECTION DIAM HOUF	ON AND	SPEED	_		SU	RFAC	E WIN	DS
16693	FACTB1	SHER P	PAY NHT	TUC .	VAL		42=5	. J		YEARS			*!	"L MONTH
						ALL AL	ATHER ASS			TEAN O			1500	
						CON	DITION							
	SPEED .KNT5+ DIR.	1 - 3	4 · 6	7 10	11 16	17 · 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	OF.	ME WI
	N N	1	. 4	. 4	• 11	1.3	. 9		•1				″ 4 <u>.</u> 5	16 c
	NNE .		. >	. 1	.1	. <u>. 1</u>	. 1						1.0	10
	ENE	.1	. 3	. 4	4	. 4							1.5	11
	E ESE			1.4	. 4	. 4	1						1.3	Ġ
	SE	2,3	4.0	0,2	3.C	. 6	1.2	. 1					17.4	· y
	SSE .	1.7 2.8	3.7	7.1	3.5	• 8 • 8	. 6	• 1					20.5	, F
	ssw	. 9	1.0	1.2	. 1	. 1	. 4	• 1					3.0	. 0
	\$W WSW	1.4	2.5	1.9	9								5.9 3.5	7
	w	. 3	. 3	1.0	1.4								3.0	10
	NW	1,4		. 8	3.4	2.2	1.0						2.6 9.0	14
	NNW	. ₽	# fr	. 5	2.7	1.3	9	. 5					7.2	14
	VARBL CALM		^_<	^><		\	`><	~		<u> </u>			3.5	
		12.4	21.3	26.8	20.1	8.8	5.5	.9	.1	¥	· ***		100.0	7
										TOTAL NU	MBER OF OB	SERVATIONS		7
		USAF E1	TAC ILL OA	0-8-5 (QL-1)	PREVIOUS ECOTION	NS OF THIS FORM	M ARE OBSOLET	E						
		USAF E1	IAC III od (0-8-5 (QL-1)	PREVIOUS ELUTION	NS OF THIS FOR	M ARE OBSOLET	· · · · · · · · · · · · · · · · · · ·						-
						44								
					1	<u>.</u>								1
						*	- !							

evitti,		5 ++ € ₹ − 31	AY SIWT STATION	POT A	 FRO	NTAGE FF DIRECTIO IM HOUR ALL MEA	ON AND LY OBSE	SPEED RVATION		YE APS			1::00	: 1 MONTH -200(URS 1 S 1
ي ع arton	SPEED KNTS OIR N	1 3	STATION	POT A		CIA	AT FR	o		YEARS			1::00	=500(nonih
	KNTS DIR N		4 · 6		i	CIA	455							
	KNTS DIR N		4 · 6			COND	HTION							
	KNTS DIR N		4 · 6											
	N	ع		7 10	11 16	17 2!	22 27	28 33	34 40	41 47	48 55	≥ 56	94	MEA WIN
		• 4		• 6	• is	, 5	• 3						3.4	SPEE!
	NE	• 1	6	.6	.3		• 1						1.7	7.
	ENE		1	. 3	. 4	. 4		•					1.2	13.
	E	<i>و</i> . خ	.6	. 6		. 3	• 1						2.5	. P .
	SE SSE	1.0	4.3 3.7		3.5	1.2	• 5	. 1					15.7	A .
	\$	2.1	3.0	1.8	1.4	• 3							3.6	7.
	sw .	• 0	1.3	. 9		•	•			•			3,4	5 . n
	wsw		. 3	.5	. 1	.1							1,5	7.
	NW	ຸວ ເ	1.0	2.6	4.1	1.4	. 5						10.3	۳. ۱2.
	NNW VARBI	• ¢	1.0	1.4	3.0	2.6	• 5						-	13.
	CALM	><	_<	><	><	>	$>\!\!<$	><	> <				11.0	
		12.9	20.1	25.0	17.9	8.8	2.7	ه به					100.0	8 ·
										TOTAL NUA	BER OF OBS	ERVATIONS		77
		E ESE SE SSE SSW SW WSW WNW NW NW	E 3 ESE 5 SE 1.0 SSE 1.0 SSE 1.0 SSW 0.0 WSW 0	E 3 6 5 6 5 6 5 6 5 6 5 6 7 5 6 7 5 7 5 7 5	E	E	E E S	E	ESE 3	ESE	ESE 3	ESE	ESE	ESSE

ASF	160 554	F	G nivis				DIRECTIO	DNA NC	CY OF W SPEED ERVATION			SU	RFACI	E WIN	DS
166	<u> </u>	Facility	15-449 3	AY SUT	DAT 1	PŤ		42=5	ō		YEARS			.,	: L MONTH
							ALL of	ATHER LASS							-230 URS EST
							CON	DITION							
		SPEED KNTS: DIR	1 3	4 6	7 10	11 16	17 21	22 - 27	28 33	34 40	41 47	48 55	≥ 56	æ	MEA WIN SPEE
		N NNE	1.5	1.0.3	2.7	1.4	. 1	•1						7,2	н .
		NE ENE	ê	. 9 . 5	:1	3	• 3 • 3	; i			•			2.3	7. 17.
		E ESE	• 1 • 6	. 4 . 3	. 5	. 4 . 5	. 4							2.5	۶ •
		SE SSE	2.8	3.2	3.1	2.2	1,3 1,2	. 5						11,5	7. F.
		48W	2.1 1.9	2. 8	3.1	1.0	.1	. •1						2.2	7. 5.
		94 WSW N	• 5 • 4 • 5	•6 •6 •4	• 4	• l • l • l	• 1							1.7	4. 6. 4.
		JAW	1.4	2.7		3.1	• 1						•	11.1	5 s
		MARK MINA	1.4	1.7	3.0	3.4	1.0 -	•1						10.6	۱۳.
		AIM					\nearrow	\sim	><\					19.1	,
			1.6 • €	20.9	20.8	10.0	4,9	1.5			TOTAL NU	MBER OF OE	SSERVATIONS	100.0	5 • 77
															,,
			USAF ET	AC . 53 () 8 5 (O) 1 =	WE STAN HERBY	INS OF THIS FOR	ARE OBSOLET	TE .						
7															
						•	ing.	4							

N			,	(_* 20m)	1			DIRECTIO	DN AND	ICY OF V SPEED ERVATION			SU	KFACI	E WIN	DS
ALL OF ATOFF CLASS CONFIDENCE ***CONFIDENCE ***C		166	car A I	15-4x =	۲ ۱.1 ۲ کو اפודאו:	TUT Y	PT		42=5	ū		1F ARS			;	. (,
SOFED RAIS 1 3 4 6 7 10 11 10 17 21 22 27 28 33 34 40 41 47 48 55 ≥ 56 7 WARD MARK MARK MARK MARK MARK MARK MARK MARK															0000	1-070
N								CONE	"TION							
N 2.5 1.3 2.2 1.2 3 1 1 7.2 7. NNE	11		KNIS	1 3	4 6	, 10	11 16	17 21	22 27	28 33	34 40	41 - 47	48 55	≥ 56	q	MEAI WINI
### CSE			7 7 2 2 E 2 E 2 E 2 E	1.5 1.5	.5 .6 .1	•3 •8 •6	• i	• }		. 1					1.0 2.0 1.2	7. 4. 5. 7.
SW			ESE SE SSE 5	1.6 1.6	2.3	2.7 4.3 1.6	1.5	.6 .6		• 4					2.5 3.8 11.0 6.0	10. 2. 10. 7.
14.7 3. 14.7 3. 10.9 2.7 1.0 1 10.9 2.0 10.0 10.9 2.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	IT		5W NSW W	.9 .1 1.2	. 5	.1 1,0 1,4	. 1	• 1		د.	<u>.</u>				2.2 1.0 2.9 5.5	11.
16.7 21.2 24.5 13.5 4.1 1.4 .0			N°4V. , APBI		4.1		2.7	1.0	-1	~			بر	•	10.9	3 4
TOTAL NUMBER OF OBSERVATIONS 77			A 14	10.	21,2	24.5	13.5	4.1	 1•4	• •		· •	, · · · · ·		`* ₁	٠.
												TOTAL NU	MBER OF OB	SERVATIONS		77.
				JSAF ET	(A)	185 01 1	MERICA STATE	lah isa isali ƙajara	v ape newner	11						
SSAF ETAC TO 8.5 OF COMESS OF THE PART OF THE PART OF THE PROPERTY.																
								e	··							

		1. C.	. 2 880	1			DIRECTIO	REQUENC ON AND ELY OBSE	SPEED			SU	RFACE	WIN	DS
166	ją Fi	00815	SHEK R	TWN YA	DUT A	PT		42=5	٠		YEARS			Δ	IJ Ç ₩2N'H
							ALL ME	ATHER						0300	-050 urs cs
							CONE	PITION							
	SPE K∧ Off	15	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	rş.	MEA WIN SPEE
	7		193	1.4	2.1	• **								5.5	6.
	N 13	Ε	• 6	,4	.1 .2	ۇ <u>،</u>		•1						2.1	3. 7.
	E	**	, 4		5		• 1	• 1						1.8	7, 6,
	ES S	E	1,2	1.4	2.5	. 2.1	1	. 4						1.7	13. 9,
	\$3 \$.9 1.7	2.2	3.1	1.2	8	. 4	• 1					9,5 6,1	10
	55 51		• 4	1.3	1	3	.1							1,8	4 9
	ws v		• 6 • 4	• 1	.1	. 3	. 1							1.3	6
	W.		2.5	5,4	3,2	6 3 . 5	1.4	. 3	• 1	. 3				4.3 16,3	9
	NA AV	1W	2 . 8	3,5	4,4	1.9	8	1						13,5	7,
	CA	•	><	<u></u>	> <	>	> < 1	><	><	><	><		><	21.0	
			16:0	20,9	21.4	13.7	4,4	2.1	.3	. ,3				100.0	6,
											TOTAL NU	MBER OF OB	SERVATIONS		71

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ETACA US ASHEVILL	ΔF	C. 2880				DIRECTIO	REQUEN DN AND RLY OBSE	SPEED			SU	RFAC	E WIN	IDS
166.03	FSCB	154ER 3	THE YA	DUT A	PT		4 2= 5	¢		YEARS			•	MONTH
						۲ ۱۲ ۲۲ ۲۲ ۲۲	ATHER							0200 DURS 15T
						CON	DITION							
	SPEED KNTS DIR	1 3	4 6	7 10	11 16	17 21	22 - 27	28 - 33	34 40	41 47	48 55	≥ 56	Ģ	MEAN WIND SPEED
	NNE	ەو دو	. B	1,2	1,4	<u>.</u> 5	• 1						4.3	7.1
	ene ne	• 1	1.4	. 6	• 1	• 1		• 1					2.7	7.1
	E ESE	د . د .	.5			• 4 • 3	4						2.3 7.7	12.3
	SE SSE S	1.4 3.0 2.2	1.9 2.3 3.7	3.1	1.3 2.1 1.0	1.2	.3						12.6	7.1
	SSW SW	.4	1.5	1.4		. 5							4.C	7.1
	wsw w	1.6	. b	, 3	1.2							•	2.2	4.1 5.8
	NNW NNW WNW	.9 .8 1.7	1.7 2.1 2.6	1.0 5.5 2.3	5.5	1.8	.3	l	. •1	•			15.4 15.1 10.1	11.1
	VARBL	><	~	` <u>``</u>		>	` `><	\sim			· ** 		12.3	•
		14.2	22.5	23.2	17.9	6.2	2.3	.0	.1	~	•		100.0	7.8
										TOTAL NU	MBER OF OE	SERVATIONS		775
		USAF ET	AC	0-8-5 (O L-1-)	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLET	ŧ						
														T
					4	e de la companya de l								

!	BATA PROF ETAC) US ASHEVILL	ΛF					DIRECTIO	REQUENI ON AND RLY OBSE	SPEED			SU	RFACI	E WIN	DS
	1650%	FROS	Lautia s	Twel Val	DLIT A	IPT		42=3	c		YE ARS				MONTH
							ALL FF	ATMER ASS							-1100 BURS (ST
							CON	DITION							
ŀ		SPEED KNTS DIR	1 3	4 - 6	7 10	11 16	17 21	22 27	28 33	34 4 0	41 - 47	48 55	≥ \$6	ą	MEAN WIND SPEED
		71 NE	• 3	4	• Ü	1.4	, 9 • 1	• 5	• 1					4.3	14.5
		NE ENE	• 1	, 3	. 3	•1	. 3	. 4						1.0	11.7
		E ESE SE	2 · ?	2.7	2.3	2.5	1.2 1.0	. 4						3.2 11.0	10.5
		SSE S	1.9	3.5	5.7	3.0	1.0	.4	-	. •1				14.1	9.3 6.1
		ssw sw	• 6 • 6	2.6	1.7	.5	• 1							4.3 5.A	7.1
		wsw w wnw	.4	.5	1.7	1.8	. 4		•1					3,9 2,4 5,2	7.2 11.5
		NW NNW VARBL	100	1.5	3.4	3.9	1.9		•1		•			11.7	12.9
		CALM	,><		><	> <	> <	><	><	><				3.1	
			10.5	20.6	30.1	21.6	9.4	3.5	. • 5	•1	TOTAL NU	JMBER OF O	BSERVATIONS	100.0	9,6
															,,,
			USAF ET	AC JUL 64	0 8-5 (OL-1)	PŘEVIQUS EDITION	45 OF THIS FOR	M ARE OBSOLETE							
	· –	-	-			. *.	. i								

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ASHEVILI	sAF "Eg fen (). 28an	1			NTAGE F DIRECTION DM HOUF	DN AND	SPEED			SU	RFACI	E WIN	IDS
16693	Fis. 181	Cá⇔€R ∂	AV TAT	DOT A	½pΤ		42 m 5	Ŏ.		YEARS			•	MONTH
						ME HE	AT.HEP ASS						1200	
						CON	DITION							
	SPEED KNTS. DIR	1 - 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	q.	M W
	N		. 4	1,3	د و 1	1.7	. 6	• 1					5.9	SF 1 4
	NNE NE	و .	1 .1	, 3 , 4	• 1								è	12
	ENE E	. 4	.1	. 3	• 1		• 4	,		•			1.2	15
	E SE SE		2.6	2.7	1.9	٠ ن	• 4	• 1				*	3.2 8.9	1.4
	SSE S	1.0 1.8	5.2	5.3 7.7	3.9	1.5	• 1	.3					16.3 18.5	9
	ssw sw	• 1 • 5	2.3	2.5	1.2		•1						3.7	p p
	wsw w	• 1	1.0	1.3	. Š	. 3							3.4	ė,
	wnw wn	. u	.9	2.7	2.1 3.9	1.9	.3	. 3					10.3	11
	NNW VARBI	• 1	1.2	4.2	1.5	9	1.0	. 3					B • 0	i 4
	CALM	><		><	><	><	><	><		_><		<u> </u>	2.5	
		6.3	22.2	31.6	21.9	10.2	3.7	1.3			r	T.	100.0	10
										TOTAL NU	ABER OF OB	SERVATIONS		7

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l	ETAC, USA ASHEVILLE		. 28 ⊴ე	108			DIRECTIO	DNA NC	ICY OF V SPEED ERVATION			SU	RFACI	E WIN	DS
	1660 A STATION	FROB	ISHER B	AV NWT	DUT A	PT		42=5	0		*EARS				.''G MONTH
							ALL ZE	AT++E:						1500	-170 NURS (5
							CON	DITION							
		SPEED													w.e a
)		KNTS: DIR	1 3	4 6	7 10	il 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	.	SPEE
		N		. •9	• 5	1.3	• 4	• 5	لد •					4.5	14.
		NE		.1	• 1	. 1	• 1							• 4	€.
		ENE E	• 1 • 1	1	3		. 4	.4						1.3	14.
		ESE SE	.1	4.3	3.5	. 2.3	. 4	• 1						11.7	11.
		SSE	1.5	3.9	7.9	3.6	1.0	. 3						14.2	9.
•		5 \$\$W	2.5	3.7	6.1	1.9	. •5	. 5						15.2	. f.
		sw	. 5	3.4	2.5	, 5	·			i				7.1 7.8	٠, ١٠.
		wsw w	• 1 • 4	. 4	1.2	. 6	.4	•1						7.5	٩.
		WNW		1.2	2.2	1.4	3.1	• 1	3	• 1				12.2	10.
		NNW	_ 5	4	1.7	1.9	1.4	1.8	. 6			•		" A,4	15.
		VARBL CALM	><	~_	~	\	\	~	~	<u>\</u>	^><		`_><	7.5	
			9,1	21.0	30.5	20.0	9.2	5,4	1.3	•1				100.0	10.
					• • •		•	. •			TOTAL NI	IMBER OF OB	SERVATIONS		77
															,,
			USAF ET	AC JUL 64 (0-8-5 (OL-1) #	PREVIOUS EDITION	45 OF THIS FOR	M ARE OBSOLET	F						
	, <u></u>														
Ī						-	, •								
							A Transfer	**							
						•,		•							
1															
						•									

F-	ATA PRUCE TAC, USAL SHEVILLE,	f										SUI	RFACE	E WIN	DS
,	300 416 Fe1) 14 5 ₄	~ ~ # # # # # # # # # # # # # # # # # # #	•			NTAGE F DIRECTIC IM HOUR	ON AND	SPEED						
1	66.,3 marga	FR 3615	, 168 H	AY ORT	.ga t ∧			42=5		-/	YEARS				A - 'ty MONTH
							ALL SE	ATHER ASS						1600	
							COME	ΝΟντικ							
		SPEED -KNIS	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 - 47	48 · 55	≥ 56	æ	ME WI
		DIR								34 40			_ 30		SP 11
		NNE	• 4	• 5 • 5	, d	٠, ڌ.	. 1	• 4						3,4	
		NE ENE	.5 .1	. 4		• <i>6</i>	. 3							1.8 1.2	7
		E ESE	.5 1.3	4	. 3	. 4	. 3							2.1 2.6	9
		SE	1.8		2.7	3.0	. 4	. 3						11.2	A
		SSE S	1.5	4.5	6.7 3.7	3.1	. 4	5	. • 4					10.0	8 7
		55W . 5W	1.4	1.5	. 8 . 4	. 1		. 1	. 3						7
		wsw	e L	. 3	• 6	2 و ا								2.2	10
		www.	• 4	. 8	1.2	1.5	. 4							4.0	9
		NNW	1.4	1.3	2.1	3.5 2.5	1.5	.5 1.2	• 1					12.4 10.6	11
		VARBL ~		~ .	~	~_/	<u>~</u>	~	~	•	ر	, , , , , , , , , , , , , , , , , , ,		11.9	
		(ALM	•••						· · ·	•	٠	• •		100.0	A
			13,3	20,1	25.2	18.8	7.0	3.0	• 8		1014 411	MBER OF OB	CE DV A TIONIS	100.00	
											IOIA. NO	MBER OF OB.	SERVATIONS		7
			USAF ET	AC 1000	085 OL 1 -	PREVIOUS EDITION	NS OF THIS FOR	V APL OBSOLET	+						
															
						71.50									
						77.7		7 7 ¥							
							•								
							٠								j

•

ETAL, U ASHFVIL	BOESSINS Saf Ley N. C					NTAGE F DIRECTIC M HOUR	ON AND	SPEED			SU	RFACE	WIN	DS
16633	FRAEI	Canta u	AY SENT	DIT A	Ta.		42-5	0		YEARS				NONTH
						ALL WE	ATHF F ASS						2100 HC) -23 DURS LS
						CON	CITION							
	SPEED KNTS- DIR	1 3	4 · 6	7 - 10	11 16	17 21	22 27	28 33	34 40	41 - 47	48 55	≥ 56	æ	MI Wi SP
	N	. , 4	. 9		1.9		• 4				•		5.0 1.7	10
	NE	. 4	. 4	. 1	• 4	1							2.2	7
	ENE E	نايدا. وي	.1	.6									2.2	δ
	ESE SE	1.4	1.9	2.1	1.7	. 3	. 1						7.8	H A
	SSE	1.0	3.2	5.2	1.7	. 9			4				13.7	5
	\$ \$5W	1.4	. 6	. 6	1.0	. 5	. • 3					-	" Ž.6	. 6
	sw wsv	, b	. A	. 3	• 1	.3							7.2	6
	w		. 4	. 6	. 1						•		1.3	7
	NW	2.7	4.0	4.3	2.0	. 4		. •1			•		14.0	
	NNW VARBL	4.1	2,0	3,8	3,ŭ	1.6	~ _	•		: ~ _		: 		
	CAIM	15,5	20.7	24,3	15.8	4.5	1.3	<u></u>	,,4	, ><.			100.0	: 6
										TOTAL NU	MBER OF OB	SERVATIONS		7
	WNW NW NNW VARBL	>.1	4.0	1.0	2.0 3.0	1.6	1.3	•1		TOTAL NU	MBER OF	OE	OBSERVATIONS	3,1 14,0 12,9 17,3
			£OB.											
USAF ETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF T														

	FTAC) USA Ishiville		0 01V13 0. 2880			PERCE	NTAGE F	DE () I E NI	CV OF V	VIND		SU	RFACE	E WIN	DS
							DIRECTION HOUR	ON AND	SPEED						
1	F.1661	FRUE	ISHER O	AV "INT	INT D	PT		42=4	ų.		YEARS				, F. P. MONTH
				~			all af	ATI FH ASS							0-020
							CON	NOITIGN							
		SPEED KNIS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 - 47	48 55	≥ 56	G _F	ME. WIR SPE
		N	1.7	2.6	2.9	2.2	.1	• 3	٤.	• 1				10.4 2.1	9.
		NE ENE	7 6	1.3	1.1	.1	3							1.5	7
		E ESE		1.0	1.7	1.0	1							1.5	6
		SE SSE	1.8	1,9	2.9	2.5	1.1	. 1	3					9.7	11.
		5 55W	1.3	1.0	1.5	1.0	. 3	. 3						5,3	8
		sw wsw	.3	. 8	1.1	: 7	1							2.5	7.
		w wnw	. 11	.8	1.1	1.3	1.0	.1		•	•		•	3.8	10.
		NNW N/V	1.1	3.2 1.9	2.4	2.1	1.8 8.1	1.0	.1	•1	•		•	10.7 17.0	10.
		VARBL	<u></u>	~									· •	16.1	
			12.4	18,1	24,6	17.0	7.0	3,5	1.1	.3		•		100.0	i 1: •
											TOTAL NU	ABER OF OB	SERVATIONS		71

ï

1661/3 STATION	FRUE	SHER H				M HOUF	on and Rly Obse	SPEED ERVATIO	NS)					
			AY NAT	DUT A	FT		42=4	Q.		YEARS				F P MONTH
						ALL XF	ATHER						7300	0-050 DURS ES
						соні	DITION							
	SPEED -KNTS- DIR	1 - 3	4 6	7 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	eş.	ME WII SPE
	N	1.9	3.2	3,3	1.5	•6			• 1		•		11.1	3.
	NE	1.0	1.3	.7	6	. 3			÷			-	7.3	7
	ENE			. 3	, 1				•				1.1	7,
	E ESE		1.3	1.6	• 7	. • 1							2.2	ა
	SE	1.0	2.6	2.5	2.6	. 9							9.5	•
	SSE	1.1	1.9	1.7	2.1	<u>. 4</u>	4		•				7.5	٥
	S SSW	lec .	1,4	3	. 7	• • • • • • • • • • • • • • • • • • • •	. •6						5.3	· 6
	SW	4	.6	. 4	. 1	. 1		•			•		1.7	6
	wsw		,		• 1						. 3	•	.7	26
	WNW	. • 9	• 7	1.3	7	1.0		-			-	•	3,2	13
	NW	1,4	2.6	4.5	2.2	. 4	. 7	. 4	• 1				17,1	10
	NNW	• 6	1.4	4.0	4.2	1.5	. 8	6	. 4] 13.5	13
	VARBL CALM	><		><		>-	><	><	><				15.7	
		11.4	19.1	25.0	17.4	6.0	2.9	1.1	•7	7	٤.		100.0	e
										TOTAL NU	MBER OF OBS	SERVATIONS		7
		4.5 . 5 . 5 .	FORM		PERIORS EDITION									

/ - - / - -	SAF Lt. H. C		7			NTAGE F DIRECTION DIM HOUR	DN AND	SPEED			SU	RFACE	WIN	DS
16603 STATION	PROH!	ISHER A	TELL Y STATIO	" "LLT A	PT		42-4)		YEARS				FF
						ALL WF	ATHER						0600	
						CONE	DITION							
	SPEED KNIS	1 3	4 6	7 10	11 16	17 2 1	22 27	28 33	34 40	41 47	48 55	≥ 56	a _t	ME WII
	DIR		1.0		2,1	. 1	. 3		. 3	7. 7,	40 00		6.9	SPE
	NNE	1,7	, 4	7.4		. 1	• •						2.5	5
	NE ENE	. 4	, ð , 3	. 4	1.0	. 5		-	•				1,2	6
	E ESE	1.1	1.4	1.2	1.0	• 1							2.8	, e
	SE	1.1	1.9	3.2	1.5	. 8 -			•				8.5 9.7	. 6
	SSE 5	1.4	1.8	3,5	1.7	• 7	4	• 1					5.4	. 0
	ssw sw	1.1	. 7	, 3	.6								2.2	4
	WsW	• 4	. 4		. 4								1.1	7
	www	7	1.2	1.5	. 6	- 14	• 1						5.3	10
	NNW	1.4	1.8 1.2	4.7	2.9	2.0	1.0	• 8	3				12.5	11
	VARBI CALM		~			~				· ~	~	·	13.5	
	, MIW	13.9	10.4	25.1	18.1	8.2	2,3	1.0	.6	•	******		100.0	. 8
										TOTAL NU	MBER OF OB	SERVATIONS		7

ETAC) US ASHEVILL		. 2860	1			NTAGE F DIRECTION DM HOUR	ON AND	SPEED			SUI	RFACI	E WIN	DS
166 13 STAPON	FK''ş I	SIER A	AV ANT	DIT A	T4:		47-4	Ģ		rears				F P
						ALL NE	ATHEX ASS						01/00	-110
						CONE	DITION							
	SPEED KNTS: DIR	1 - 3	4 - 6	7 10	11 16	17 - 21	22 · 27	28 - 33	34 40	41 47	48 55	≥ 56	· G	ME. WIN SPE
	N NNE	• 1	.6	1.1	2.4	• 7	1.0	. 4	,1				6.4	15.
	NE ENE		.8	.4	.1	. • •							1.7	7
	€ €S€		. 3	1.1	. 5	• 1 • 3							1.5 2.6	9.
	SE SSE	1.5	5 · 6	5.6 4,3	1.7	2.4	• 5	. •9					11.4	11.
	\$ \$\$w \$w	1.0	2,4 .5	1.1	1,7	. •4	. 7	. •1					7.7 2.5 5.3	9,
	wsw w	2.2	1.4	1.0	.6 .1	. • k	. 3						2.5 4.0	10
	NW	. 1 . 5	1.0	3.6	1.2	1.4	1.2	•1		•	-		3,4	12
	NNW VARBI	. 4	1.5	4.4	4.0	3.3	1.7	. 0	• 4				16,7	14.
	MIAS	~~ 4,2	16.4	 29.6	20.8	10.7	6,5	7.1	,6	,><	ا مستر		100,0	۱۰.
			****	,.	204"	• • • •		***	,,,	TOTAL NU	MBER OF OBS	ERVATIONS	2000	72
.		USAF ET	AC / 1 64 () 8 5 · OL 1 · r	MNOOF FUITIO	NI OF THIS LORI	ARE OBSOLET	·						
					ر در از از معرفرون									
•						*	3 °							
i .														

FTAC) US ASHEVILL		. 286	1			NTAGE F DIRECTION DM HOUR	ON AND	SPEED			SU	RFACE	WIN	DS
166	FindI	, jiii ki ili	TEL VA	OUT A	(PT		47-4	y .		YEARS			,	, t p
						ALL WE	ATHER ASS)-140 DURS 15
						CONU	DITION							
	लाई के हैं। कार्यार संस्था	' }	4 0	7 10	11 16	17 21	27 27	28 33	34 40	41 47	48 55	≥ 56	94	ME WII
	~	• 4	• 6	1.2	1.0	• 8	1.4	.4	. 1				0 • °	SPE
	NE NE	• •	: i	.4	a 44 • ©	1	• 1						1.4	11.
	F NIE	• 1	. 8	• 4	. • !	• 1	• 1						1.9	9
	+ + +	• მ	2.1	2.5	3.1	1.0	• 1						2.1 10.0	12,
	-t	2.4	3.6 3.3	2,5 1.5	4.7	1.4	• 6	. 4					15.1	10
	A 6	• • v	1.8	.7 1.9	• ů	.3	• 1	• 1		•	•		5.1 5.8	6 . 7
	5 7 8	.6 ,1	1.0	.6	ز. 1.9	1.0	.1						2.9 4.5	12
	aten ten	. i	1.1	1.5	3.4	1.1	1.0						6.1	13
	nden Jakon	• ;	1.1	2.2	4.0	1.5	2.4	.7	. 3				12.7	15
	A , M	- -		\mathbb{C}^{1}	>	>	><	><	><			<u> </u>	3,3	
		7.0	19.7	21.0	27.9	10.1	8.3	1.7	.4				100.0	11.
										TOTAL NU	MBER OF OB	SERVATIONS		7

ETAC	PRUCESSIE USAF ILLE	-	-			DIRECTIO	requen On and Rly Obse	SPEED			SUI	RFACE	WIN	DS
16603	FRITE	ऽ1ऽलस्त व	AY NWT	QUT A	PT		42=4	9		YEARS			3	F P MONTH
						ALL WE	ATHFK ASS						1500	-1700 urs is
						FON	PIŤ:ON							
	SPEED KNTS CHR	1 3	4 6	7 10	i¹ i6	17 (\$)	22 27	28 33	34 4 0	4 1 47	48 55	≥ 56	۲۶	MEAN WIND SPEED
	N	•1	1.2	1.1	2,2 6,	. 0	1.4		• 4				7.2 1,2	15.5 10.2
	NE ENE F		• 4	. 3	• *	,	• 1						1.5	9,9 7,0
	£SE SE	+1 1+6	1.2	.7 .6		8	• 3						2,4 2,4 10,8	7.8 9.9 9.5
	SSE 5	104	3.5	2.2	. 4 <u>.</u> 3	1.7	• 1	, 3					14.0 9.7	10.2
	15W 3W Whw	100	1.2	1.0	• 6 • 6		• 1						3,1 3,5	7.3
	W WNW	ا <u>؛</u> د •	• 6 • 4	.6 .8 1.4	1.2		.7						1.9 2.6 6.2	12.1 10.3 13.6
	7 %	• 5 • 5	,7	6.1	5.8 3.6	1.4	1.4	•1 •6	. 3				15.4	12.6
	ZARBI ZALM				>/		><	><		<u> </u>			4,7	
		7.0	16.0	26.4	28.1	ਜੁੱ∙ 0	0 • 9	1.0	• 7				100 n	11.0
										TOTAL NO	MBER OF OBS	ERVATIONS		7 20
		USAF ET	AC 101 64 C)-8-5 (OL 1)- P	REVIOUS EDITION	NS OF THIS FOR	M ARE OBSOLETE							
					ere project	er er er								

	HATA PROCE											SL	JRFACE	WIN	DS
11	ASHFUILLE	, ' , C ,	2887	1			NTAGE F DIRECTION DM HOUR	ON AND	SPEED						
	166	FAMBIS	ነጽች ፣	AV TANCE	Γ,1 1 Δ	PT		47=4	•		11.464				ei P MONTH
							ALL of	AT. EK						1.60	-2000
							ÉUM	N [®] ON							
1		SPEED ANT L DIR	1 3	4 6	7 10	11 16	17 21	27 2 7	28 33	34 40	41 47	48 55	≥ 56	⁽⁷	MEAN WINE SPEEL
		2 7NF 7E 17F	. 4 1 . 4	2.1	2.5 1.1 1.2	1. d . 3 . 4	• 1	• *	• 4	• 1				n.: 2.4 4.2	11.5 6.7
		T SE SE	.4 .7 .4 1.4	1.1	1.0 1.8 2.5 1.5	1.9 5.6 1.9	1.5	•1						7.0 2.9 4.4 17.7 5.4	7.0 9.1 12.
r		50 A - A - A - A - A	• 1	.4 .7 .3	1.1 1.1 .4 .8 1.7	.1 .6 .4	.1			•1				2.5 2.1 2.2 6.4	6.1 17.1 6.1
		NN NNW ARBI		2.9	3.6	3.5	1.6	1.1	.,	•1	· · · · · ·			14.7	17.
		- 214	3.0	15.8	27.8	21.7	1.2	*.r	1.1	.3	•			100.0	7.1
											TOTAL N	UMBER OF C	BSERVATIONS		743

DATA PRUCESSING DIVISION ETAC. USAF **SURFACE WINDS** ASHEVILLE, N. C. 28801 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 16603 FRIBISHER HAY NAT DUT APT 42-49 L P 7€ A F S 2100-2300 HOURS EST ALL WEATHER SPEED KNIS DIR MEAN WIND SPEED 1511 NE ENE SSE hil SW w5W NW NNW VARBL 15.0 CALM 11.0 17.6 23.3 19.2 7,6 100.0 8.7 TOTAL NUMBER OF OBSERVATIONS 720 USAF FTAC 10 MAY 0.85 OF TERRETORIS FOR THE THE CORN ARE ORSOTETS

ETAC, USA ASHEVILLE		• 28d	21			DIRECTIO	ON AND	CY OF V SPEED ERVATION			SU	RFACE	WIN	DS
166	FR'151	Suite	SAV NAT STATIO	TE T SMAN H	PT		47-4	÷		YEARS				r †
						ali se	ATHEN ASS						^{HO} 0000	-020 URS UST
						CON	DITION							
	SPEED KNTS-	1 3	4 6	7 - 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	ą	ME.
	DIR .	, 7	2,2	2,2	2.7	1,0	o 15	• 4					17.5	SPE
	NE	, 8 5	2.3	1.3	1.2	7	• l	• 1					1.4 6.1	٠
	ENE		. 3	1.1	. 3	• 7		• 1	•	• 3			2. 2 9. 4	14.
	ESE.		1.3	4.5	1.0	3	» 5 • 4	• 1	• 1	• 1			4.5	13.
	SE CCE	. 44	2.0	4.3	1.0	1.3	1.3						10.7	11
	SSF S	.7	⊕ B	1.2	200	. 4							3.0	, f.
	SSW SW	• 1	. 8	.3	• 2	• 1	•1						2.5	10
	wsw	. 4	- 1		. 1	1	1.						. 9	9
	WNW .	5	, 4 , 9	1.5	1.1	. 4	• 4	. 1					3.8	10
	WW.	1.0	2.4 1.8	4.2	3.9	1.3	. • 6 • 5	1					13.2	10
	v ARBL C ALM					<u></u>	· ><	\sim		~			1,7	•
		8,4	17.1	29.7	20.6	9.7	0.6	1.0	•1	• 4	•		100.0	10
										TOTAL NU	MBER OF OB	SERVATIONS		7
									*					
		IISAE E	ETAC FORM	0.85:01.1	907									
 			60. B4					· 	<u> </u>				<u>-</u>	
							N-a							
						* *.	* 2							
														- 1

H	ETAL, US ASHEVILE	۸F	01VIS • 2880				DIRECTIO	N AND	CY OF V SPEED ERVATION			SUF	RFACE	WIN	DS
	16601	FRORI	ડેવદુલ પ	AY MAT	DUT A	PT.		47=4	ý.		·FAPS				CT MONTH
							ALL OF	ATGER ass			, , ,			0300	0500 NRS .51
							CON	87IO~							
4.		SPEED KNTS-	1 · 3	4 6	7 10	11 16	F7 - 21	72 27	28 3;	54 4 €	41 47	48 55	≥ 56	q	ME AN
11		DIR					_			, 4 40	41 4/	46))	JO	11.5	SPEED 17.6
		N NNE	1 . 3 . 9	1.3	2.7	2.2	1.9 .1	1.7	• 1					4.7	₩ . .
		NE ENE	,9	. ម . ម	2.0	1.5	•1	• 1						5.5 1.2	₹.º¹ 5.º¹
		E ESE	. 4	1.5	3.6	3.2 1.1	4	. š	• 3 • >	• 1	. 3	• 1		10.3	12.
		S€	ذ.	1.3	3.0	3.5	1.6	1.7	. 3					12.0	13.
		55 E S	• 3	. 4	, 5	2.2	, 3 , 5	•1	• 1 • ė					2.4	12.
T		ssw sw	• i • L	•1	1.2	• 1 • 1	• 3							2.0	12.
		ws\\ \w		• 4 • 4	1.1	.1	• 1	•1	1					1.3	12.
		WNW	• *	ق و	1.1	ڌ.	. 3	. 4						3,4	10.
		NNW	1.7	3.0 1.1	3.5 4.3	2.8 3.0	1.6	1.3	.5 .1	•1				13.5	11.
		VARBI .			^_<	\	<u></u>		~	\	~., <u>,</u>		`	A . 2	
		,	8.3	34.5	26.5	22.0	9.1	5.2	2.4	.3	. 3	•1		100.0	10.
1 4											TOTAL NU	MBER OF OBS	ERVATIONS		74
İ															
			USAF ET	AC PH 64	0-8-5 (OL 1)	PPEVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLE!	F						
		·													
							,								
						-4		**************************************							
,							,	,							
	į.						*								

	DATA PROB ETAC US		91718	Inv								CHI	RFACE	WIN	ns
11	ASHEVILL		. 2880	1			NTAGE F DIRECTIC DM HOUR	ON AND	SPEED			301	KFACE	. WIIN	D3
	16603 Mariens	FRUBI	INHER K	AY YET	DUT A	PT		42=4	ç,		YEARS			,	CT MONTH
				7,4110	V IVANIE		ALL SE	ATHFIE ASS			77.483			0600	MONIA → On O
							CONE	NOITICA							
11		SPEED KNTS- DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	Ģ	ME A WINI SPEE
		Ν	9 15	1.5	4.0	3.4	1,2	1.6	. 4					10.2	13.
		NNE	7	1.1	1,6	1.2	• 1 • 1							3.5 4.8	4 В •
		ENE E		. 8 1.5	1.0	1.9	• 3	٠,		. 3		٤.		3.5 9.4	7.
		ESE		1.2	. 4	1.6	. 7	. 8	• 3	. 1	· • • •	•-		5.1	14.
		SE SSE	• 4	1.2	3,2	3.0	1,7	1.2	. • 1					11.4	12.
		S	. 4	. 8	1.3		. 4	• 1	. 1					3,6	10.
T		55W 5W	. 4	. 3 . i	. 3	.4		• 1	• 1					2.0	13.
		wsw	.1		.3	1	• 5 • 4	• 5	-					2.3	16. A.
		WNW	د . د .	a 4	1.0	1.2			1					3.2	10.
		NNW	1.5	2.0 1.5	3.1	4,4 3,2	2.0	1.7	• 1	. 3				12.4	11.
		v ARBI	• • • · · · · · · · · · · · · · · · · ·		~	^\	~	~	~ ·	< >	· ~/	۰	· ^	7.5	• •
		CALM	11.3	14.4	26.4	24.4	8.0	7,3	1.9	.7	.3			100.0	10.
											TOTAL NUM	BER OF OB	SERVATIONS		74
1															
			USAF ET	AC 11.1 04	0-8-5 (OL-1) #	PREVIOUS FOITI	ONS OF "HIS FOR	M ARE OBSOLET	F						
															
1															

ETAC, US ASHEVILL		28 80	i			NTAGE F DIRECTIC DM HOUR	N AND	SPEED			SU	RFACI	E WIN	DS
166-1	FK0815	लह्झ छ।	TWP YA	DUT A	. P T		42=4	ý		·FAP's				CT MONTH
						ALL JF.	ATSE &						0900	
						FONE	NOITION							
	SPFED KNTS	1 3	4 · 6	7 - 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	O¥.	ME WII
	DIR	<u>,</u> 5	. 9	2.2	2.0	ن وَ ٤	1.1						9,6	SPE:
	NNE	• 4	ڎؙ	£ 3 £.	2.0.7	.1	. • X	•					1.6	ñ.
	NE .	9 45	. 5	1.2	1.1		• 1						3,4	, ? ₁
	ENE	. 7	1.2	2.0			. 3		3	• 1			" 3.0 5.3	10.
	E ESE	6		2.4	1.5	.5	.3	• 1.	• 1	• .			6.8	12
	SE	. 5	1.5	3.7	3.1	2.3	1.5	• 1	. 3				13.0	13
	SSF	. 5	• 4	. 8	• 9	?	. 9						4.3	14,
	S SSW	. 4 . 3	. 8	1.2	. • 9	. 3	. • 5						4.2	10,
	55** SW	• 7	. 4	7	7	. 1		. 1					· 2.7	Ä
	wsw	• 3	. 3	2.5	. 9	. 1	. 3	•					7.4	11.
	w	• }	7	,7	. 7	4	• 1	÷					2.7	. 11.
	MMM	1.4	1.1	1.0	. 1.4 2.8	• 8 • ₽	. 9						5.6 12.2	10. 10.
	NNW VARBL	4	2,5	3.7	4.5	3.1	1.5	:1					15.6	13
	· ALM	><		\sim	><	><	$>\!\!<$	><	><	> <		\sim	6,5	
		7.7	14.1	20.4	23.4	11.5	9.5	9	7	•1			100.0	11.
										TOTAL NU	ABER OF OR	SERVATIONS		7
			FCIRM							,				
		USAF ETA	AC (18 64 (0-8 5 (OL-1) #	PREVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLE	····						·
						The state of	gera Sa y ¥							
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	UCESSIN	G OIVIS	17N											
ETAC) (Ashevii	LF. No.	C. 2887	1			NTAGE F DIRECTION DM HOUF	DN AND	SPEED			SU	IRFAC	E WIN	DS
16663	Feli	IQués o	†و\ ك∆ا STATIO	DUT A	LPT		42 = 4	è		YEARS				CT MONTH
						ALL ME	ATHER			TEMPS.			1200)-140 DURS (ST
						CON	DITION							
	SPEED KNTS DIR	1 3	4 ó	7 10	11 16	17 - 21	22 - 27	28 - 33	34 40	41 47	48 55	≥ 56	Oq.	MEA WIN SPEE
	N	• •	, 3	2.0	2.	1.0	Į. j						8.6	16.
	NE		. 4	1.5	1.3	• 3							2.4 4.7	ς, Α,
	ENE E			2.0	5	1 <u>1</u> 4	. 4		.1					11.
	ESE SE		1.5	1.1	3.6	1.6	1.3	1					14.2	13.
	SSE S		. 7	1.1	1.1	1.1	5	•1					4.0	14
	ssw	• 1	ğ	, 5	1,02	. 4	• 3	. •					2.5	٠,
	sw wsw	• 3 • 3	. 5 • 1	.7	• 1		. •1	. 1			,		2.4	7.
	w www	. 5	. 7	9 8	1.1		• 3	·i					4.0	11.
	NNM	1.2	1.5	2.4	3.1 4,6	2.2	1.3	.3	. 3				11.5	12.
	VARBL		~ · · ·	~. <i>~</i>		~ <i>~</i> /		~ ·		~ . /	· 	· ^		. • 🗥
	CAIM	8.1	12.1		25.5	11.9	<i>></i> <	1.3	,>< ••	¥. 3×<			<u></u>	11.
		•			-				. •	TOTAL NU	MBER OF O	BSERVATIONS		74
		8.1	12.1	26.3	25.5	11.9	4.3	1.3	4	TOTAL NU	MBER OF O	BSERVATIONS	100.0	
		USAF ET	IAC TO SA (0-8-5 (OL-1) (PREVIOUS FEETIO	INS OF THIS FOR	M ARE OUSOIET	ŧ						
					- 		· ·							T
														1

ETAC, U: Ashevili	GCESSING Saf Le _{p Ma} C					NTAGE F DIRECTIC DM HOUR	N AND	SPEED			SUI	RFAC	E WIN	DS
16603 STATION	FRI)#I	5-1618 H	T بوان که د STATIOI	DOT 4	PT		42=4	9		YEARS				C.T MONTH
						ALL WE	ATHER ASS						1500	
						COND	NOITIG							
	SPEED -KNTS- DIR	1 - 3	4 - 6	7 - 10	11 16	17 - 21	22 27	28 33	34 40	41 47	48 · 55	≥ 56	9 4	ME WI SPI
	N	. 4	1.6	2.2	2.5	2.6	1.1	. 5					11.2	14
	NE NE	. •4 • d	1.1	2.6	1.1		•1						6.1	. A.
	ENE	• 1		3,1	2.4	. 3		. 3					7.2	10
	ESE SE	1,5	8.1	2.0	2.0	1,5	1.1	• 5	. •1	•			13.5	13,
	SSE S	. 7	. 5 . 5	1.1	1.1	. 7	. 3	. •1	•1		•		3.2	11
	ssw sw		. 3	1.4	1								3.1	7
	wsw	.1	. į	.4	1.2	. 5	• 1				•		2 9	10
	WNW NW	1.1	1.6	1.1	2.7	9	• 1 • B	3					11.7	11
	NNW VARBL	7,7	1.4	4.1	4.5	2.7	1.2	3	-1				14,9	13
	CALM	><	\sim	> <		>	><	><	><	>		><	4,9	
		7.0	14.1	29.4	24.0	11.4	6.1	2.3	. • •				100.0	11
										TOTAL NU	MBER OF OB	SERVATIONS	•	7

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	ETAC: US			•								SU	RFACE	E WIN	DS
	VZHEAIFF	E, N. C	. 286	`1		PERCE	NTAGE F			VIND					
1						/FRC	DIRECTIC M HOUR			<i>12)</i>					
						(1110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	000	en varior	10/					
	16603 STATION	FROBI	SHERT	SAY STATION	DUT A	PT		42-4	Ŷ		YEARS				MONTH
							ALL AL	ATHER						1800	-200 URS LST
								OITION							.0.5 [5 .
							CON	лпоч							
		SPEED KNTS	1 3	4 6	7 10	11 16	17 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥ 56	a _t	MEA WIN
		DIR N	1,4	1.5	7.0	.د. د		• ខ	, 7					10,7	SPE
		NNE	5	• 7	. 1	2,0 ,3	1.0		. • •			*		1.3	. 6.
		NE ENE	. ,6	1.2	3,0	1.4	د و ا	3	3			•	•	6.9 3.3	10.
		F	. 7	1.0	3.5		. 7	. 7	. 1					8.3	là.
		ESE SE	. • 3 • 9	1.1	9 3.5	3.7	1.6	1.2		• 1			-	4.7	15.
		SSE	1.1	. 9	1.1	1.5	. 4	1.1						6.1	11.
		s ssw	• 1	. • •	.7	3	, 1	. •4	. •1				•	$\frac{1.5}{1.4}$	14.
		5₩	• 5	1.6	• 5	. 5	. 1							3.1	7,
		wsw w		.4	7	1.1	1	5			•			3.0	12.
		WNW	ۇ پ	• 7		1.4	• 3	3						4.3	12.
		NNW	نا ہ در	1.9	4,3	2,0 4,2	1.1	1.4						11.5	11.
		VARBL		. ~ _		· 	<u> </u>		~		· ~ _	· 	· ~	 	
		CAIM	\sim	, , , , , , , , , , , , , , , , , , ,	\sim	<i></i>		\sim	<i>></i>	\sim	, ><,	9	/	<u> </u>	:
			8.1	15.8	27.2	21.7	10.8	8.4	1.2	•1				100.0	10.
											TOTAL NU	MBER OF OB	SERVATIONS		73
			USAF E	TAC IUI 64	0-8-5 (OL·1) P	PEVIOUS EDITIO	NS OF THIS FOR	M ARE OBSOLE	E						
															- — т
															j
-						1. July 1.									- 1
							-	do ye							- 1
- •						5.7	9.	3."							- 1

ASHEVILI	E, 0. (. ∠889	1			NTAGE F DIRECTION DIAM HOUF	ON AND	SPEED			SU	RFACE	: WIN	DS
16603 SACON	FRUS	Cours B	TWP YA	TÜC '	PT		42=4	Ş		YEARS				CT MONTH
						ALL WE	AT ER)-230 OURS 151
						CONI	SHION							
	SPEED KNTS DIR	1 3	4 · 6	7 10	11 16	17 - 21	22 · 27	28 33	34 40	41 47	48 - 55	≥ 56	q.	MEA WIN SPEE
	N NNE	1.4	1.6	2.0	1.0	1.4	1.9						10.3	12.
	NE ENE	3	1.8	1.9	ğ	.7	5						6.7	11.
	E ESE		1.0	2.7			1.1	1		•			5.5	9.
	SE SSE	1.1	2.2	3.2	1.0	1.4	1.9	. 4		•			11.3	12.
	S SSW	3	.5	1.1		. 4	. 3						2.2	, 15.
	sw wsw	. 4	7	1.1	. 4	•		4	•	•			2.6	7
	WHW		3	1.6	.5	.7	4	. 3				•	3.4	113
	NNW	1.4	2.7	3.9	3.0	2.2	. 7		•1		•	•	13.4	15.
	VARBL CALM			· ~									 	
		8.1	18.8	27.6	10.0	11.6	7.5	1.5	.1	√ ′ . ``	٠		100.0	10.
										TOTAL NU	ABER OF OB	SERVATIONS		73

ETAC, US ASHEVILL		. 2860	Į			DIRECTIO	ON AND	CY OF V SPEED ERVATION			SU	RFACE	WIN	D:
16603 State, N	FROBI	SHER B	AV HIST	DUT A	PT		47-4	7		YEARS				V
						ALL AF	ATEER ASS						0000) - () DURS
						CONE	DITION							
	SPEED KNTS- DIR	1 - 3	4 · 6	7 - 10	11 - 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	Ģ	
	N	1.4	2.1	2.5	3.1	1.7	1.7	. 5	. 3				13.2	ļ
	NE		1.4	7.1	3	.3	.3	• 2					1.7	. 1
	ENE E			1.2	3.1	1.4	.5 .6	• 2 • 3	3				3,2 4,6	1
	ESE SE	. 5 9	. 3	2.1	2.6	2.3	3			•			7.0	1
	SSE			1.7	. 9	9	. 6						" F.1	1
	S SSW	• 2	. 6	• 2	.2		. 6		_				1.8 1.8	1
	sw wsw	. h	rī.	. 6	2		. 2	• 3					1.5	
	WNW	<u>•</u> 5 • €	• 6 • 2	. 1.1		. 2	. 3						1.7	
	NNW	1.7	2.5	1.8	2.8	1.2	1.7	2	3				10.7	
	VARBI CALM	<u> </u>	~			<u></u>				~		- -	 8,7	
		9,5	12.3	22,4	20.7	13.5	9.3	2.8	.9	¥	190		100.0	
										TOTAL NU	MBER OF OB	SERVATIONS		
		USAF ET	AC JEL SA (0 8-5 rOL 1 i	PREVIOUS EDITION	IS OF THIS FOR	M ARE OBSOLET	E						
T														
j														
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†					-, -	•	' / · · · · ·							

	ETACA 1954 ASHEVILLE		c. z	850 <u>1</u>				NTAGE F DIRECTION DM HOUR	ON AND	SPEED			SU	RFACI	E WIN	DS
	10603	#26h	Iset	R 841	T 4 47	F.) T .1	PT		42=4	.)		YEARS				, 'V'
								ALL PE	ΛT∺Eβ ASS							-050 URS LST
								CONE	NOITIC							
		SPEED -KNTS- DIR	1	3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	ç	MEA WIN SPEE
		NNE		, 8 , u	1.6	1.7	2.5	1.9	1.1	• 5					9,5	13.
		NE ENE		. 5 . 5	. d	1.9		• ¢ • 3	. 5 . 2	• č • 4	. 3				7.4 4.5	9. 12.
		₽ rSE	•	. 5	. 5	1.1	2,9	8	. ś	<u>ذ</u> غ	.3				7.5	14.
		SF SSE	1	6	9	2.3	2.5	1.2	. 3		• 5				13.2 5.7	12.
		5 55W		. 3	• 3	. 3	• 0	3	. 8	. 3					3. € €	15.
		SW		• ⁽⁴	. 5 . 3	. 2	• &	•	• 3	• 2					1.1	13.
		wsw w		• ² • 3		3	• &	. 3	٤.						1.1	
		MM. MAW	2	• 5	3,3	3.4	3.1	. 6	• 2	• 2					3.5 14.0	11.
		189A;	,	• 1	1.4		3,4	3,9	1.9	•6 ~		~ . /			16.9	14.
		MJA	- 11	•0	2.1	20.3	23.4	11.6	5,4	3,7	.8	•	,	<i>-</i>	3.1	11.
				• • •		2043	2007	4.5.0	· · · · · · · · · · · · · · · · · · ·	201	• 6	TOTAL NUM	ABER OF OB	SERVATIONS		64
																17 4
			US	AF ETAC	60,PW)-8 5 (Ot-1 - ≠	PERIOUS EINTIC	NS OF THIS FORM	w ARI ORSOLET	f						
T :																
							•									
									7:4							}
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	ETAL, USA	ESSIN F			-			-					SU	RFACI	E WIN	DS
į	ASHEVILLE	• •	С.	28 60	1			NTAGE F DIRECTION DM HOUF	ON AND	SPEED					- *****	
	16603	FRITE	اذا	FR H	AY SHAFT	LAIT A	PT		42-4	:		YEARS				, A
								ALL AF	ATHFR ASS						0600	-080'
								CONI	NOITION							
		SPEED KNTS		1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 · 47	48 · 55	≥ 56	4	ME A WIN
		ĐIR											. 40 33	30		SPEE
		NNE		lel Lel	1.5	0 <u>.</u> S	2.6	1.1	. 3	2					9.6 3.4	10.
		NE		. 2	1.6	. 6	• 5		• 2				•		1.2	, A.
		ENE E		.6	.9 .2	2.3 3.2	2.1	1.2	1.1	. 3	. 2				5.3 8.3	17.
		ESE		ļ.	ě	3.2	2.3	1.4	. 5	. 3	. 3	. 2			~ ₽ ,₿	13.
		SE		1.4	1.4	3.1	3.4	9	. 5	. •3	. ,3				10.7	11.
		SSE S			, 6	1.1	. * • •	1.1	. • •	. •>	. • •				" 3.i	îż.
7		ssw		. 3		. 2	. 3	. 3							1.2	14.
		SW WSW		<u>ق</u> و	. 2	• 5			• 2						" 1.7 " •6	12.
		w		• 2	. 2	. 5	ž	2	. 3			•		•	1.4	12.
		WNW			2.5	1.1		• 2	٠	. 2					7.3 11.3	11.
		NNN		1,2	2.1	2.8	3.4	3.1	2.6	. 6				•	14.5	14.
		√ARBI	_	-	~				· ^	· ~ /		~		· ~	6,4	
		CALM		√ <.		23,9	><	12.3	7.3	3,2	.8	,2		\sim	100.0	11.
				7.7	1310	2347	* < 4 + 4	1663	, , ,	# . E	. • •			SERVATIONS		
												TOTAL 1907	WIDER OF OR	JERY 2110143		5 à
					FORM											
				USAF ET	AC _{JUL 64} ()-8-5 (Ot-1) I	PREVIOUS EDITIO	INS OF THIS FOR	M ARE OBSOLET	E						
	i															
	•						34.7 ⁴		**							
1																

FTAC) US ASHEVILL	Δ F		1 Div			DIRECTIO	DNA NO	CY OF V SPEED ERVATION			SUI	RFACI	E WIN	DS
166 7	FROLI	হৰ চ ন	AV AZT	NAME	PT		42-4	ij		YEARS				I V MONTH
						ALL SE	ATISFR							-110 URS (ST
						CON	DITION							
	SPEED KNTS OIR	1 3	4 6	7 10	11 16	17 21	22 27	28 - 33	34 - 40	41 47	48 - 55	≥ 56	r.	ME: WIF SPE
	N NNE	, Y	1+2	1.2	2.3	. 3	• ¤ • ⊀	• 3					7.5 2.4	12
	NE ENE	. E	1.5	1.1	1.5	. 3 . 5	. 3	, A					4.4	13
	E ESE	0 6	1.4	2.7	2.7	1.4	1.5	.2	.2	• Z			3 1 9,3	11
	SF		1.1	4.1	5,2	1.2	. 5		. 2	.			10.7	12
	SSE	• 5	• 5	1.5	1.4	, Ó	1.2	ه ه	• 2				2.5	14
	SSW SW	• •	1 Å	. 8	.2	. 3	• 5		-				1.7	13
	.w .w		٠,5	• Z	• 3	• ₹ • 5						_	1.7	11
	NW NAM	1.7	2.7	4,4	2.7	,9	2.0	. 2					14.7	11
	NNW VARBI	1.8	1.2	2,3 ^\	2.7	~ 2.0 ~ ~	2.0			~ /	ر ب	·	7,2	14
	(ALM	W.H	13.3	S1.5	25.0	10.4	10.1	2.0	.6				100.7	11
										TOTAL NU	MBER OF OB	SERVATIONS		6
		USAF ET	IAC , sa	85 OLI	BF CELL TO FILE	ata i ja teest konga	W ARE DRIVER!	'É						
				-										7
						****	-							
					•	•	* **							
														- 1

	CATA PRO	. –	PIVIS	t ∋w								CII	DEAC	E WIN	DC
51	asHFUILL	i , (• ZHer.	1			NTAGE F DIRECTION M HOUF	ON AND	SPEED			30	RFAC	E WIIN	נטו
	106. 3	F COUR	arke o	AV .T	DIGT B	.υT		47=4	. +		YEARS				. Yr MONTH
							ALL PP	ATHE :			T BA			1200) = 1 4 0 f
							€0n!	DIT ON							
		SPEED KN15-	1 3	4 c	7 - 415		7 21	<i>2</i> 2 27	28 33	34 40	4i 47	48 55	≥ 56	rş.	MEAI WINE
1		DIR	1.2	1.1	. €:	2.7	3.7	1.2						4.7	SPEEL
		NE	1,4	2.2	1.1	1.4	.2	• f						3.4 5.5	7.
		ENE	• 8	. 9		1.6	ب ځ	. 3						4.7	٠,
		E ESE	9 & • 0	• S	₹.0 1.2	2.0	1.4	.5 1.4	e ti					7.2	12.
		SE HSE	1.8	1.5	2.6	4.3 1.6	1.1	• A • 6	• 2 • 0	• 5				11.0	12.
_		>	د و	. 5	. 3	• 6	3	. 5	• «					2.6	13.
T		55W	• 8	.2	• 6	• 0		• 5						1.5	17.
		.v.√w .w	• /	1.1	. 5	6.4 E.	. 2	. 2						2.3	10.
		WNW	1.4	2.9	3.0	3.4	1.5	. 2	3			•		7.9	
		NMM	1.4	2.9	2.9	2.4	1.7	1.7	9					14.3	12.
		VARBL		~	^_<	\	~	~><	~>		<u> </u>	~	^`><	5.5	
		-	9,6	17.1	18.6	25.9	10.8	4.5	2.9	, 2	y	rym (m		100.0	11.
											TOTAL NU	MBER OF OF	SSERVATIONS	5	65
Ì															
				LC/Gra											
			USAF ET	AC na I	0-8 5 (OL 1)	MENDER EL 100	ni or this roe	M ARE DROOF	16						
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						× *		•							1
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						•	₩								1

FTAGI US ASHEVILL		. 286	: 1			NTAGE F DIRECTIC DM HOUF	ON AND	SPEED			SUF	RFAC	E WIN	DS
166(3)	FROR	ISAKR D	- A Y 112 T	DUT A	.PT		47-4	9		reap's				* J
						ALL (E	ATHER ASS							1-170 DURS LST
						Cord	DITION							
	SPEED KNTS	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	q	MEA WINI
	DIR N	1.5	1.2	2.7	2.5	1.7	• ?						11.0	SPEE 11.
	NNE		• đ	. 9	• 9	• •	• 2						3.3	Я.
	FNE	1.5	1.2 .5	1.7	1.2		.7	• 3 • 2					5.2 3.3	11.
	E		1.2	2.1	4 . ()	1.2	• 3	• 3		• 2			9.7	13.
	ESE SE	فرو الا	1.8	2.0	2.0 2.7	1.4	1.7	• 5	. 5	• 4	د .		5 4	17
	SSE 5	• < • 5	.5	1.5	1.4	1.1	1.4	. 3	. 2				5.5 3.5	14.
	55W	• •		. 2	. 5	. • •	• •	. • -					. 6	11.
	sw wsw	, 2	• 2	1.2	A.								2.3	9 7
	w	• 5	6 €	•>									2.5	٠ ۲
	WNW	1.1	1.5	٠5 3.3	3. J	1.4	• d	5					2.1	10
	NNW	2.7	2.0	2.0	1.0	2.4	1.4	. 3	. 3				12.1	12
	CALM	>><				>	><	><		`.~			7,2	
		10.5	13.9	22.2	22.7	10.7	9.0	2.6	. 9	• 2			100.0	11
										TOTAL NUA	ABER OF OBS	ERVATIONS	•	6
		USAF E	TAC JOLGA	0-8 5 (Ot 1)	PPERIONS HOME	NY, OF FOR YOR	M ARE OBSCRET	ŧ						
														
					-									
					-02									
					• "	1.	7 m •••							

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DATA PROCESSING DIVISION ETAL HISAF **SURFACE WINDS** 2 ASHI VILLED ... C. 288 1 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) FIG. 10 TO FEE HAY THE DIT AFT 42-49 4.4.V 400.4 166 . 1 ALL MEATHER 1-00-2000 TOMORPHA MEAN WIND SPEED 22 27 28 33 6,3 NNF . 2 NE ENE ŧ ESE ٩E SSE 55W 514 wsz N 2.1 WNW 9.2 • 2 • 3 NW . 2 NNW n, a 10.2 14.0 20.5 21.9 11.9 100.0 11.4 TOTAL NUMBER OF OBSERVATIONS 657 USAF ETAC FORM 0-8.5 OLT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ASHIVILL	af F∌ №. C	. 2857	1			DIRECTIO	DN AND	CY OF V SPEED ERVATION			SU	RFAC	E WIN	DS
16603 Samos	FROST	Hade	AV JAT	DOT A	PT		42=4	g		YEARS				.TV
							ATI;#14 IASS						2100	
						(ONE	DITION							
	SPEED KNIS- DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	4	ME WI SPI
	N	1.7	1.2	1.2	5.0	2,1	1.7	• ti	• 2	•2			11,5	14
	NNE NE	• • • • • • • • • • • • • • • • • • • •	1.5	2.4	1.7	غ و ع و	• 4	• 2	. 2				2.6 6.6	12
	ENE	8		. 7	• 6	• 5		. 3	• 2	*	•		2.9	14
	E E 5 E	• 2	1.2	2.4	3.0	1.4	• 3 • 6	• ¿				•	5.7 R.7	12
	SE SSE	.9	1.4	1.7	2.3	1.2	1.1	. 3				•	ं 8•्र 6•्4	12
	5	• •	. 8	. 9	. 2	. 3	. 6						2.7	12
	SSW SW	ۇ. ۋ	. ? . 3	, 3 , 6	. 5	• 3	. 3			•			1.1	14
	wsw		٠.۷	, 3	• 6		. 2						•	12
	W	د .	• is	. 6	1.1	<u>,</u> 2	. 5	. 2				•	3,4	18
	NNW	1.5	2.7	3.4	2.1 3.8	, 8 , 6	1.5	• t					11.0	11
	/ARBL EALM				>/		><	><		<u></u>			9,5	
		8,4	15.5	21.2	23.0	9.4	9.3	2.9	. 5	• 2	•	•	100.0	11
										TOTAL NU	MBER OF OB	SERVATIONS		6
		8,4	15.5	71.2	29.0	9.4	9 .3	2.9	.3		MBER OF OB	SERVATIONS)०•०
		USAF £1	IAC 1089	0-8-5 -Ot-1 - +	PREVIOUS FORTION	NS OF THIS FOR	W APE OBUSE	· 						
						19		F						

CONDITION SPEED KNTS DIR. N 2,9 3,4 1,7 1,9 1,7 3,4 2,2 3,3 34,40 41,47 48,55 2,6 7 17,5 NNE 3,3 1,5 7 8 8 8 7 1,7 2,7 1,0 3,3 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ASHEVILL		. 28e9	i			DIRECTIO	ON AND	ICY OF V SPEED ERVATION			SU	RFACI	E WIN	DS
CHASS CONDITION SPEED KINS N 2, 7 3, 4 1, 7 1,	16603	FROB	rzhfe u	AV NET	DUT A	PT		42-4	9		YEARS				r C
SPEED KNIS 13 46 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥ 56 4.11 NNE 5.3 1.47 1.7 1.7 1.7 1.7 1.7 1.7 1.														0000	-02 iurs (3
N 2, 3 3, 4 6 7 10 11-16 17-21 22-27 28 33 34 40 41 47 48-55 ≥ 56 7 17.6 NNE							CONE	NOITH							
NNE		KNTS	1 3	4 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 47	48 - 55	≥ 56	q	MI W SP
NE		7	_ 8*3		1.7	1.4	1.7	3.4							15
E				1.7		1.0	ۇ و	. 2	. • •		. • 4			6.3	9
SE								3						2 , 3 5 , 8	10
SSE				, 3		. •••	. 3	. 2	. •					1.0	F
S					,						*				10
SW			. 9		. 5		. •								. 3
WSW															3
WNW 1.2 .5 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .7 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2			. >				. 2							7	· 6
NW 1.7 3.2 1.9 3.0 3.2 1.4 .5 .3 .2 15.4 VARBL CALM 16.0 15.2 17.6 12.5 9.5 0.0 3.9 1.0 .8 100.0							7							3.2	7
16.0 15.2 17.6 12.5 9.5 0.0 3.9 1.0 .6 100.0		NW	4.6	2.5	3.6	2.2	1.5	2.0						16.6	10
16.0 15.2 17.6 12.5 9.5 0.0 3.9 1.0 .6 100.0			1.7	3.2	1.9	9. 0	3,2	1.4	• 3	. + 5	• 4			-	1 2
					\sim	\sim	> <	\geq	\sim				^><	14.9	
TOTAL NUMBER OF OBSERVATIONS			16.0	15.2	17.6	12.5	9,5		3.9	1.0	. 8	r	•	100.0	10
											TOTAL NU	MBER OF OR	SERVATIONS		
			USAF E	AC Int 54	085 OLI	PREVIOUS EDIT: ;	NS OF THIS FOR	M ARE OBSOLI	*1						
USAF ETAC FORM 0.8.5 OL 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE															7
															1
USAF ETAC TORN 0.8.5 (OL.1) PREVIOUS EDITIONS OF THE FOUR ARE OBSOLETE						*******	Section 1	_							- 1

N.

FTACP 1931 ASHEYTLLF		C. 2803	1			NTAGE F DIRECTION DIAM HOUR	ON AND	SPEED			SU	RFACE	E WIN	DS
166	Eq. (A)	1586R #	AV ∵HT	DIT A	PT		42-4	9		YEARS				F C MONTH
						ALL AF	ATHER ASS							-050 URS (ST
						CON	PITION							
	SPEED KNTS DIR	l s	4 ò	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	æ	MEA WIN SPEI
	NNE	5.0 1.2	3,6	1.4	2,0	2.1	2.5	٤.	. 5	. 7			18.6 5.5	12.
	NE ENE	, 7	2.5	2.1	1.2	. 2	• 2		5				7.3	10.
	E ESE	1.2	7	9	1.6	. 5 . 4	. 2	.2	. 2			•	5.5 1.5	11.
	5E 5SE	1.1	1.2	. 7	. 2 . 7	4	. 4	ž			-		3.6	Д
	S SSW	• 4	4	. 4	. 5	•			,	•	•		1.4	3
	sw wsw	.5	. 2	. 5	-	•		•	•	•			1.7	
	•		5	. 2	• 4	. 2							1.4	
	WNW NW NNW VARBL	1.6	1.8 2.3 1.8	3.0	2.6	2.0	1.6	.5	. 5		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	19.2) 13
	CALM	> <		><	><	><	><	><	><	><	>	><	12.4	
		21.5	10,3	14,4	14.7	9.1	6.9	2.0	1.6	. •9	r.	•	100.0	9,
										TOTAL NU	MBER OF OB	ISERVATIONS		56
		USAF ET	TAC IUL 64	0-8-5 (OL-1) F	PREVIOUS EDITIO	INS OF THIS FOR	M ARE OBSOLET	E						
) (1)									
						(A)	3.							

1661	FROB					NTAGE F DIRECTION M HOUR	ON AND	SPEED			SUI	RFACI	E WIN	DS
		ISHER H	TENT YE	DET A	PT		42-4	Q		YEARS				F C MONTH
						ALL ME	ATHER ASS						06 00 HC	JRS -LS T
						COND	ITION							
	SPEED KNTS DIR	1 · 3	4 6	7 - 10	11 16	17 21	22 - 27	28 · 33	34 40	41 47	48 - 55	≥ 56	94	MEA WIN SPEE
	N	3,1 ,6	3,8	3.0 1.0	2.2	2.6	2.2		.3		•		18,9 4.5	17.
	NE	2.4	1.6	2.9 5	. 0	3	. 3	. 3	2	•			9.7 1.8	9 B
	E		. 8	1,1	. 5			• 2	. 2				3.7	10.
	E SE SE	3.6	1.0	. 6	1.0		• 3				•		2.7 4.8	11.
	SSE 5	, H	. 3	1.0	1.0	, 2	2						2.1	8.
	ssw sw	. 2				. 2							. 3	15.
	wsw w	. 2	. 2	. 2		. خ			•		•		2.1	4 .
	wnw	1.1	1.8	. 3	. 5	• 2	. 2				•		4.0	é.
	иим им	3,3	4 . U 1 . d	2.4	2.6	1.4	1.3	. 3	5				18.3	13.
	VARBL CAIM	><	\sim	><	><	><	><	><	><	><		><	14.6	
		17.6	17.8	15.7	16.2	7.9	5.9	2.2	1.0	. 3	•	, ,	100.0	9
										TOTAL NU	MBER OF OB	SERVATIONS	ı	62

1	ETACA (356 ASHEVILLE		C. 2880	i Tun		_	NTAGE F DIRECTIC M HOUR	ON AND	SPEED			SU	RFACE	WIN	DS
	16503	FRUB	15568 o	Twe VA	A TUE	PT		42=4	9		YEARS				r (
							ALLF.	ATHER ASS						0300	-1100 DURS (ST
							CONE	NOITK							
ı		SPEED KNTS	1 3	4 6	7 10	11 16	17 - 21	22 - 27	28 33	34 40	41 - 47	48 - 55	≥ 56	°¥	MEAN WIND
-		DIR N		3.2	2,3	e ف	1,9	2.9	• • •	.2	. 3			19.7	SPEED
		NE	ຸ d 2 , ບ	1.8	1.8	1.1	• 5	. 5 . 3		. 2				3.3	12.5
		ENE E	1.1	1.2	1.1	1.4	. 2	.2						7.4	9.
		ESE SE	2.0	.5	. 8	1.8		2	•				•	" 2.7 " 5.3	10.3
		SSE 5	, H	. Z . B	. 3	. 3	. 2		•					1.7	7.5
ſ		ssw	. 3				. •		•					1.1	3.6
		sw wsw	. 6	.3 .2	• 2									1.5	2.3
		WNW	1.1	1.1	.6	3	. 5					-		3.0	5,0
		NMM	4.1 2.6	2.1	2.6	3,2	1.1	1.1		.3	. 2			16.9	12.0
		VAREL CALM	<i>></i> <		> <	> <	> <	><	><	><	<u> </u>		><	11.7	
			23,6	18.1	14.0	16.4	6.5	6.7	2.1	. •	, 5			100.0	8.5
											TOTAL NU	ABER OF QE	SERVATIONS		65

	DATA PROC		3 DIV15	1 "IN								CLID		WIN	nc
	ASHEVILLE		. 2880	1			DIRECTIO	REQUENT ON AND RLY OBSE	SPEED			SUKI	FACE		D3
	16603 STATION	FRUR	ISHER B	AV NILT	A TUC	PT		42=4	,		YEARS			Ü	F C MONTH
							ALL of	AT-EP						1200	-1400 URS LST
							CON	DITION							
		SPEED	1 3		7 10	11 - 16	17.01	22 27	22	34 40		48 - 55	≥ 56	~	MEAN
		KNTS: DIR: N		4-6			17 21	27 27	28 33		41 47	48 - 33	≥ 36	ີ 13.ດ	WIND SPEED
		NNE	2,4	3,2	2,4	2.9	۶,7 	2.6	1.1	. 3	. •			5,6	11.2
		ene Ne	8 8	1.8	1.1	1.1	.3	. 2	, 3	5				4.1	10.1
		E ESE	192		. B	1.2	لا و د و	• 2						3.3	9.0
		SE	1,5	1.8	2.1	1.2	. 0		-					7.3	Á
		SSE S		. 5	13	. 2	. •3	. •2						2.1	5.0
		SSW SW		2			•							" .5 .5	5
		wsw w		. 5	2	•								1.5	3.0
		WNW	ة و	1.1	. 3			. 2						7.3	5.
		NNW	3.7	3.0	2.5	2.7	1.8	1.2		5	.2			15.a 12.6	10.
		VARBI CALM	><	><	><	><	><	><	><	><	<u></u>		><	13,7	
			19.5	18.0	16.1	14.2	8.4	9•4	2.4	1.4	. 5	•		100.0	9.1
											TOTAL NUM	BER OF OBSER	VATIONS		657
			USAF ET	AC JUL 64	0-8-5 (QL-1) F	PREVIOUS EDITION	is Of this FOR	M APE OBSOLETE							
-															
	[2.								

*

ETAC) US ASHEVILL	,6 , €, (C. 588:				NTAGE F DIRECTIC DM HOUR	ON AND	SPEED			SUI	RFACI	E WIN	DS
16653 station	FROR	15488 P	THE PART	DUT A	PT		42=4	9		YEARS				FC
						ALL TE	ATHER ASS						1500 HC	-17(
						CONE	NOITIC							
	SPEED KNIS- DIR:	1 · 3	4 · 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	q.	ME WII SPE
	N NNE	3.7	2.9	2.5	1.1	• 0	4.4	2.0	3				17.9 6.3	14
	NE ENE	1.7	2.0	1.5	1.1	• 4		-	. 2				" 6.4 " 2.6	7,
	E ESE	1.4	1.1	1.1	. 5 . 6	3	. 6					,	。 5.1 3.6	11
	SE SSE	1.4	1.7	1.5	. 5	. 5								9
	5 \$\$W	• <i>h</i> • ≀	. 3	. 3	. 2					•			1.4	3
	sw wsw	2	. 3	. 2				•					. 3	· 4
	w www	1.4	. 8	. <u>2</u>	3						•		2.1	· 4
	NNW	1.7	2.0	4.3	3.2	2.0	1.1	.5		•			17.0 13.0	15
	VARBL CALM	><		><		>	><	~	><	><	> /	`><	12.7	
		20.5	17.5	18.1	12.7	5.2	7.8	3.5	1.5	.3	.2		100.0	9,
										TOTAL NUM	ABER OF OBS	SERVATIONS		6

ASHEVILLE	F	. 2860 2860				NTAGE F	ON AND	SPEED			SUI	RFACI	E WIN	DS
16603 STATION	Fig. 1	later 6	AV Ny F	A fea	,	M HOUR	42=4		,				.;	- (
STATION,			STATION	1 :VMMF		ALL WE	ATHER ASS			YEARS			1000	MONTH -200 IURS 151
						CONE	NOITION							
	SPEED KNTS	1 3	4 6	7 10	11 16	17 - 21	22 - 27	28 33	34 40	41 47	48 - 55	≥ 56	94	ME.
	DIR N	3 • ∪	1.9	1.7	2.1	ة و	3.4	2.3	5	. 3	. 3		16.9	SPE
	NE	1.5	2.3	1.1	• t: • B	. 5	.3	ن و					5.5 3.0	12
	ENE E		. 6	1.1	.6 .5	, 5 . 8			. 5	2	• 2		3.1	10,
	ESE	1.1	. 9	. 2	• 5	. 2	. 3		• •	. •	· •		3.4	, H
	SE SSE	1.6	.5 .2	1.1	1.1	3							2.5	9
	\$ \$5W	. š	3	. 2		. •2								7
	sw wsw	,,	. 2										. 5	9
	w	• 7	. 3	5									1.7	5
	NM	3.0	3,4	3.9	2.7	1.4	1.4	.0	. 2				17.2	10
	VARBI	1,4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1.9	3.0	1.9	1.6	• • • • • • • • • • • • • • • • • • •		\ /		· ·	_ 15.5	
	C ALM.	17.6	14.7	16.9	13.9	7.4	7.5	4.2	1.1	, ->< . 5	, ——, .5	<i>></i>	100.0	: 9
									-		MBER OF OBS	SERVATIONS		۸.
		USAF ET	AC JUL 64)-8-5 (OL-1 : «	PREVIOUS FOITIO	NS OF THIS FOR	M ARE OBSOLET	ŧ						
														
1						1								
L.														

DATA PROCESSING DIVISION ETAC. USAF **SURFACE WINDS** 2 ASHEVILLE, N. C. 20001 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1111 (FROM HOURLY OBSERVATIONS) 16603 FRUBISHER BAY NWT DUT APT 42-47 LEC ALL WEATHER 2100-2300 CONDITION SPEED KNTS DIR MEAN WIND SPEED .2 .2 .2 2.2 1.8 2,5 2.5 15.8 3 1.0 1.0 ,5 ,7 ,5 ENE . 3 ڊ ۽ E . 7 ESE Sŧ SSE 5W .2 .2 .7 1.7 3.5 10.0 WSW .5 .8 3.6 2.2 W 6.4 1.7 NW 10.4 NNW VARBI 15,1 CAIM 17:7 14:9 17:1 12:6 7.8 9,1 **.**.7 100.0 10.1 TOTAL NUMBER OF OBSERVATIONS 604 USAF ETAC SORM 0.8.5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

	FTACE USAF											SUI	RFACE	WIN	DS
	ASHEVILLE	, 1, C	. 288	71				FREQUEN	ICY OF V	VIND					
									ERVATION	1 S)					
	1667	≢p⊹ig I	5 169	Tay Tay T	TJC	ΛΡΤ		42+5	·0		YEARS				LL MONTH
							[115 TR 1]	HE TOT						1	LL DURS LS
				CIU	200	TO 1400	FT "/	V5 BY	1/2 61	OK MO	RE.				,,,,,,
				alty/uR	٧٤٠٢	1/2 10	2-1/2	81 #/	CIC 200	O FT (R BUAT				
		SPEED KNTS DIR	1 - 3	4 · 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 40	41 47	48 55	≥ 56	æ	ME,
		N	• 6	. 4	• 7	. 7	1,1	2,0	1,1	٠2	.0	• 0		6.7	SPE
		NNE NE	, 4 , 6	3	• 1	2	. 3	1	. 2	•0		• 6 • 3		1.2 3.1	10. 12.
		ENE E	<u>د و</u> د د		1.2	. 6 1.3	9 4 9 7	• 3	.2	•2	•0	•0		2.7	15.
		ESE SE	1.5	9.0 9.0	5.4	1.4	1,9	1.8	. 2	.2	, O	. •		4.5 18.7	12
		SSE S	1.4	1,8	3.4	3.5	1.7	1.3	. 4	• 1				13.4	12.
		ssw	. 4	. 4	. 2	1.0	. 0	. 0	. •0	•0			-	1.2	10
		sw wsw	7	.1	, 3	• 1		•1						1.6	5
		WNW	. 3 . 4	, <u>3</u>	3		. 1	6	•0	•0				1.3	12.
		NW NNW VARBI	1.1	1.0	1.1	2.3	2.0	3.1	1.1	. <u>1</u>			a. 3-	12.2	15
		CALM	><		><		>	^><	~~	><		~		9.1	
			10.1	12.4	18.7	18.0	11.9	13.8	4.7	1.2	.1	•1		100.0	12.
											TOTAL NUA	ABER OF OBS	ERVATIONS		193
			USAF ET	FAC 104 0	85 OL-1	PPEVIOUS EDITION	S OF THIS FORM	M ARE OBSOLETI							
-1															
1						-	.								
						*	. 4	•							

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

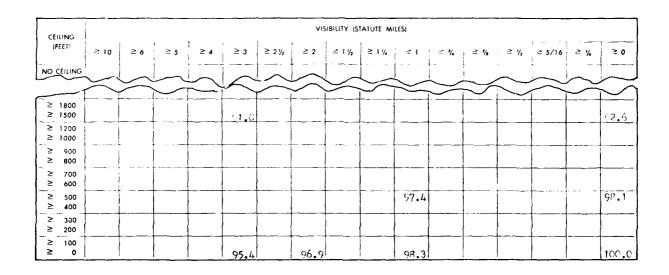
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet

and/or visibility < 3 miles.</pre>
Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

mile is 2.6, obtained by subtracting 97.4 from 100.0.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GATA PRICESSING DIVISION JOAF ETA: ALP BEAT EN SERVICEN AC

CEILING VERSUS VISIBILITY

106.3 FRIEISTER HAY IST DUT AFT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELUNG							v	ISIBILITY ST	ATUTE MILI	ES;						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	د'ا ≤	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5.16	≥ %	≥ 0
NO CEILING ≥ 20000	/1.3 29.7	21.9	24.3	29.5	29.7	29,8	30.0 32.0	30 • 1 32 • 7	30.1	30.3	30.4	30,5	30.6	30.6	30.1	30,7
≥ 18000 ≥ 16000	0.0ء مانق	31.3 41.9	32.0	32.2	32.0	32.0	32.0	32.7	33.0	33.2	33,3	33.3	33.5	33.5	33.6	
≥ 14000 ≥ 12000	31.1	32.8	33.1	33.4	33.7	33.7	34.0	34.1 35.7	34.1	34,4 36,0	34,5	34.5	34.6	34.7	34,7	34.6
≥ 10000 ≥ 9000	33.9	15.8 10.5	36.2	36.5	36.9	36.7	37. Z	37.3 38.0	37.3	37.6	37.7	37.7	37.9 38.6	37.9 38.6	38.0	35 0 35 7
≥ 8000 ≥ 7000	36.5 39.3	98.6	39.1 42.2	39.4	39.d	39.9 43.0	40.2	40.3	40.3	40.6 43.8	40.7	40.7	40.9	40.5	40.9	41.0
≥ 6000 ≥ 5000	42.3 45.1	45.1	49.8	46.2 50.6	46 · d	46.8	47.4 51.0	47,3 51.9	47.4	47.7 52.3	47.8	47,9	48.c	52.7	48.1	48.2
≥ 4500 ≥ 4000	47.4 22.0	51.2 55.0	52.1 57.1	57.7	53.3 58.6	53,4 58,7	53.9 59.3	54.1 59.5	54.1 59.6	54.5 60.0		54.7	54.9	54.9	55.0	57.1
≥ 3500 ≥ 3000	55.9 61.9	07.1	61.5	62,3	70.0	70.7	71.5	71.5	71.8	72.4	65.0 72.0	72.6			73.0	62.5
≥ 2500 ≥ 2000	70.0	71.9 75.5	73.7	74.7 80.1	76.0 81.7	76 • 2 81 • 9	77.1	77.4 83.4	77.5 83.5	78.1	76.4	78.4	78.1 85.0	78.7	78.4	77.0
≥ 1800 ≥ 1500	70.4	77.2 19.3	79.4	83.3	85.1	82.4	84.7	84.1 87.3	84.2	85.0 88.3	85.3	85.3	89.1	85.7	85.4	80.0
≥ 1200 ≥ 1000	72.5	91.2	84.2	64.1 85.8	86.0	86.3	87.7	90,4	90.7	89.3 92.0	92.3	92,5	97.1		90.	90.4
≥ 900 ≥ 800	73.4	81.4 81.8	84.8	86,7	88.2	88,9	90.4	90,8	91.0	92.1	92.8	92,8	93.1	93.4	93,1	94.9
≥ 700 ≥ 600	73.7	85.0	85.1	86.1	89.1	89.4	91.4	91.9	92.4	93.4	94.9	94.5		94.9	95.4	95.7
≥ 500 ≥ 400	73.9	82.3	85.4	87.1 87.3	89.8	89.4 90.1	91.9	92.1	93.1	94.7 95.0		95.7	96.1	96.6	96.4	96.1
≥ 300 ≥ 200	73.9	82.4	85.6	87,4	90.0	90.4	92.4	93,4	93.4	_		96.1		97.4	97.6	97.4
≥ 100 ≥ 0	74.0 74.0	82.5	85.7	87.4	90.1	90.5	92.0	93.5	93.6		96.7	96.8	97.8	97.9	98.3	100.0

45117 TOTAL NUMBER OF OBSERVATIONS ____

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, M. C. 286AL

CEILING VERSUS VISIBILITY

16603 ERCHISTER MAY FUT THAT APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE JING							v	ISIBILITY ST	ATUTE MILE	s						
HEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'-,	≥ 2	≥ 1′2	≥ 1'.	≥ 1	≥ ¾	≥ 58	≥ 'ז	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	47,5	46.0	46.6	47.0	47.3	47.4	48.0 48.9	40.1	48.2	49.1	49.4	49. / 20. I	50.4 21.4	50.4	20.6 21.6	11.0
≥ 18000 ≥ 16000	43.4	46.4	47.5	47.9	4°,3	40.4	49.0	49.7	49.3	50.2 50.4	50.7	50.0	31.5 51.7	51.5 51.7	51.7	52.2
≥ 14000 ≥ 12000	44.9	40.4	49.0 50.2	49.5	49.9 51.1	49.9 51.2	50.5 51.8	50.7 52.0	50.8 52.1	51.7	52.2 53.5	52.3	53.0 24.3	54.0	53.2	39.6 34.7
≥ 00001 2 0000 2 ≤	46.9	50.7 51.2	51.3	51.9 52.4	52.4	52.5 53.1	53.7	59.4 53.7	53.5	54.4 55.0	55.5	55.0	30.4	50.4	36.5	50.4
≥ 8000 ≥ 7000	51.9	56.7	54.4	55.1 58.3	55.7 59.0	55.9 59.1	56.6 60.0	60.4	57.0	57.9	58.0 62.1	5H.7	59,5 63.1	63.1	63.3	64.7
≥ 6000 ≥ 5000 ≥ 4500	54.0 57.7	54.6	60.6	65.8	62.5 66.7 68.0	62.6 67.0 68.3	68.2	64.0 68.6 59.9	64.1 68.7 70.0		70.2 72.0	70.7 72.2	71.9	71.9	72.1 73.5	74.2
≥ 4000 ≥ 3500	37.2	66.8	68.7	67.0 70.0 71.8	71.2	71.5	72.8	73.3 75.4	73.4	74.8	75.4	75.0		70.4	77.1	77.7
≥ 3000	01.6	70.9	73.1	74.6	76.4	76.8	78.7 81.1		79.3	81.3	82.3	82.5	83.9	43.9	84.1	84.B
≥ 2000	03.8	73.0	76.3	78.1	80.4	80.8 81.0	83.4	1	84.7	86.6	87.6 87.9	87.9	89.6	89,7	90.0	90.7
≥ 1500	64.2	74.5	77.0	78.9	81.2 01.4	81.8	84.7	85.9	86.2	88.4	89.4	90.0	91.4	91.5	91.9	92.8
≥ 1000	64.4	75.0	77.7	79.6	62.2		86.0	87.3	87.5	90.0	91.0	91.4	93.2	93.2	93.5	94.4
≥ 800 ≥ 700 ≥ 600	64.5	75.1	77,9	, - ,	82.4			97.5 57.6	37.9	90.0	91.7	92.0	93.9	94.0	94.3	93.0
≥ 500 ≥ 400	64.5	75.2	1	79.8		83.1 83.1	86.3	87.8	88.0		92.3	92.7 92.7	44.8	94.1 95.0	95.3	96.3
≥ 300 ≥ 200	04.5	75.2	l	79.9	,		86.3	87.8	88.1	91.4 91.4	92.4 92.5 92.5	92.8	_	95.1	95.6	96.4
≥ 100 ≥ 0	04.5	75.2		79.9	82.5			87.8	84.1	_				95.2	95.7	

20/3 TOTAL NUMBER OF OBSERVATIONS _____

PATA PRICESSIN - PIVISION ETAL) USAF ASMEMILLE, . C. 28801

CEILING VERSUS VISIBILITY

166 T TRIBLISHED LAY OF STATION WANT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEUNG							٧	ISIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	2.4	≥ 3	≥ 2':	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5,16	≥ ¼	
NO CEILING ≥ 20000	43.3 46.8	46.8	47.9	• •	49.3	49.4	50.3		- 1	51.5	51.9	51.9	52.3	52,5	57.5	্ ,বু
≥ 18000 ≥ 16000	44.B	48.7	30.0	50.7	51.9 52.0	52.0 52.1	52.9 53.0	53.1 53.2	53.2	54.1 54.2	54.6 54.7	54.6	55.0 55.1	55, C		3
≥ 14000 ≥ 12000	47.0	49.8	31.1 32.7	51.9	53.1 54.7	53.2	54.1 55.8	54.3 56.4	54.5 56.1	55.3 57.0	55.8 57.5	55.8	56.2 57.9	56.2 57.9		50.6 58.4
≥ 10000 ≥ 9000	48.9	53.6	55.3	56.1 56.8	57.4 58.1	57.5	58.5	58.8	58.9 59.6	59.6	60.3	60.3	on.7	60.7	51.0	61.9
≥ 8000 ≥ 7000	50.5 32.5	55.7	57.6	56.6	60.0 63.1	60.1	61.1	61.4	61.6	62.5	63.0 66.3	60.3	63.4	65.4 66.8	67.	67.2
≥ 6000 ≥ 5000	54.5	51.2	64,1	65.4	67.2	70.0	71.5	66.9	69.1 71.9	70.1	70.7	70.7	71.1 74.3	71.1 74.3	71.4	71.6 74.9
≥ 4500 ≥ 4000	55.7 56.7	63.4	66.7	70.3	71.6	70.6	72.4	72.7	72.9	74.0	74.6 78.2	76.2	75.3 79.1	75.3	75.7	1
≥ 3500 ≥ 3000	37.6 39.3	66.0 68.4	59.8 72.4	71.7	74.7	75.0	77.0	77.6 81.3	77.9 81.6	79.3 83.1	50.1 84.0	50.2 84.0	81.0 84.9	81.0 84.9	85.2	81.5 83.4
≥ 2500 ≥ 2000	60.3	69.6	74.3 76.8		83.2	80.8 83.8	83.2	84.0	84.3 87.9	85.9	90.8	90.8	87.8 91.8	91.8	92.2	92.4
≥ 1800 ≥ 1500	62.7	72.8	77.0 77.5	80.2	84.1	84.7	86.7	87.7 88.8	88.1 89.2	91.2	91.0 92.3	92.4	92.0	93.3	93.7	93.9
≥ 1200 ≥ 1000	62.2	72.3	77.5	80.6						92.6		93,9		95.1	93.9	95.8
≥ 900 ≥ 800	62.3	72.3	77.8	80.6	84.8	85.5	88.7	89.9	90.3	92.8	94.1	94.1	95.1 95.4		95.9	96.3
≥ 700 ≥ 600	02.3	72.4	77,8				88.7		90.3	92.8	94.1	94.2	95.4	95.5	96.1	96.5
≥ 500 ≥ 400	62.3	_	77.8 77.8		84.8	85,5	88.7	89.9	90.3	92.8	94,2		95.6 95.6	95.7	96.4	96.9
≥ 300 ≥ 200	62.3				84.8	85.5	88.7	89.9	90.3	92.9	94,3			95.7 96.0	96.8	97.4
≥ 100 ≥ 0	02.3		77.8	80.6						92.9	1	94.4	96.0			97.5

4508 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, W. C. 28871

CEILING VERSUS VISIBILITY

16673 FRORISHER BAY NOT APT 42-40-48-50 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENNG							v	ISIBILITY ST	ATUTE MILE	 :S						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 217	≥ 2	≥ 11/2	≥ 11.4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ '.	≥ 0
NO CEILING ≥ 20000	37.4 92.3	42.5	43.7	44.8	45,8 52.1	40.0	46.6	47.1	47.2	47.5	47.H	47.8	48.1	48.1	48.4 55.3	46.8
≥ 18000 ≥ 16000	42.3	48.6	50.0 50.2	51.4	52.6	52.5	53.7	54.3 54.6	54.3 56.6	54.8	55.1 55.4	55.2 55.4	55.5 55.6	55.6 55.6	55.9 56.1	56.4 56.6
≥ 14000 ≥ 12000	43.8	49.7	51.1 53.3	52.5 54.7	53.8 56.0	53.9	54.8	55.5 57.9	55.5	56.0	56.3 58.8	56.3 58.9	56.7 59.2	56.d	57.1 59.6	57.6 50.1
≥ 10000 ≥ 9000	47.7	53.9	55,4 56,5	56.8 57.9	58.2 59.3	58.4	59.4	60.2	61.3	60.5	61.2	62.3	61.6	62.0	62.0	62.5
≥ 8000 ≥ 7000	50.6 52.6	57.0 59.5	58.6	60.1	61.5	61.8	62.6	63.6	63.6	67.5	64.6	64.6	65.0	65.1	65.4 68.8	69.2
≥ 6000 ≥ 5000	55.2 57.8	62,5	64.6	70.2	72.7	68.7 73.1	69.9 74.3	70.8	71.0 75.6	71.6 76.1	72.2	72.2	72.6	77.1	77.4	73.4
≥ 4500 ≥ 4000	58.6 90.1	69.1	71.9	71.4	74.0	74.4	75.8		76.9	77.6	78.2	78.2	78.6	82.5	79.0 83.1	79.5 83.6
≥ 3500 ≥ 3000	62.5	70.9	74.9	76.4	80.0	82.0		83.3	83.4	84.2	84.7	84.8	87.1	87.2	89.6	86.1 84.0
≥ 2500 ≥ 2000	62.3	72.7	76.8	78.8	82.9	83.4 85.1	85.5	86.6	87.0	90.5	91.3	91.3	89.0 91.9	92.0	92.3	92.9
≥ 1800 ≥ 1500	53.0	73.5 73.8 73.9	76.9	80.0 80.5	84.8 85.5	85.3	87.8		90.5	90.8 92.1 92.5	91.6	91.6		92.3	92.6 94.1 94.5	94.7
≥ 1200 ≥ 1000 ≥ 900	63.1 63.1	73.9	77,5 77,6	80.6 80.7 80.7	85.7 86.0 86.0	86.6		90.7 92.0 92.0	92.1	94.5	95.5	93.4 95.5 95.6	94.0 96.3 96.4	96.4	1	95.2 97.6
≥ 800	03.1 03.1	73.9	77.6	80.7	86.0 86.0	86.6	90.2	92.0		94.7	95.7 95.8	95.8	96.7	96.9	97.1	98.0
≥ 700 ≥ 600 ≥ 500	63.1 63.1	73.9	77.6		86.C		., .		92.3	94.8	95.8	96.0		96.9	97.3	98.2
≥ 400	63.1	73.9	77.6			86.7	90.3	92.2	92.4	95.0	96.0	96.2	97.2	97.5	97.8	98.7
≥ 200	63.1	74.9	77.6	60.7	86.1		90.4	92.3 92.3	92.5	95.0	96.2	96.2	97.4	97.5	98.0	98.9
≥ 0	93.1	71.9		80.7	86.1	86.7			92.5	95.1	96.2	96.3	97.5	97.6		100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, 6. C. 28001

CEILING VERSUS VISIBILITY

16647 FRIIDISHER LAY INT APT

42-47,49-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.0	39,7	40.2	40.4	40.5	40.6	40.7	40.ö	40.9	40.9	40.9	40.9	40.9	40.9	41),9	40.9
≥ 18000 ≥ 16000	40.5	44.2	44.7	45.0 46.0	45.2	45.3	45.5	45.5	45.6	45.6	45.6	45.0	45.6	45.6	45.7	45.7
≥ 14000 ≥ 12000	43.0	46.7	47.2	47.5	47.8	47.8	48.1	48.1	48.2 50.1	48.2	48.2 50.1	48.2	48.2 50.1	48.2	48.3	48.3
≥ 10000 ≥ 9000	45.5	50.7 52.1	51.3 52.7	51.6	51.9 53.3	52.0 53.6	52.2 53.7	52.3 53.8	52.3	52.4	52.4 53.9	52.4 53.9	52.4 53.9	52.4	52.4	52.4
≥ 8000 ≥ 7000	50.8 53.3	55.6 56.7	36.3 59.5	56.6 59.9	57.0 60.6	57.1 60.7	57.5 61.2	57.5 61.3	57.6 61.4	57.6	57.6	57.6	57.6 61.4	57.6	57.7 01.4	57.7 61.4
≥ 6000 ≥ 5000	56.1 59.0	62.5	63.8	64.4	69.8	70.0	70.7	66.1 70.8	71.0	66.2 71.2	66.2 71.2	71.2	66.2	71.2	71.2	71.2
≥ 4500 ≥ 4000	00.1 03.1	67.9 71.5	73.6	70.4	71.7	71.9	72.8	78.0	73.0	73.2	73,2	73.2 78.4	73.2 78.4	73.2	78.4	75.3
≥ 3500 ≥ 3000	04.6 57.4	73.5 77.1 79.0	76.0 80.2 82.4	77.3 81.7	79.2 83.9	79.5 84.3	80.7 85.6	81.0	81.1	81.4	86.3	86.3	81.4 86.3	86.3	86.3 89.4	80.4 80.4
≥ 2500 ≥ 2000 ≥ 1800	19.7	81.0	84.9	84.1 86.8 87.1	89.6	90.1	92.1	92.6	92.7	89.3 93.3	89,4 93,4 93,8	93.4	93.4	89,4 93.4	93.4	93.5
≥ 1500 ≥ 1500	70.4 71.0 71.0	82.2 82.3	86.3	88.2	90.0 91.4 91.5	90.6 92.0 92.1	94.0	94.6	93.2 94.8 95.1	95.5	95.6	93.8 95.6 96.0	96.1	95.7	93.9 95.7 96.2	93.9 95.7 96.2
≥ 1000 ≥ 900	71.1	82.4	86.5	88.5	91.8	92.4	94.8	93.6	95.8	96.5	97.1 97.1	97.2	97.5	97.5	97.5	97.0
≥ 800 ≥ 700	71.1	82.4	86.5	88.5	91.8	92.4	94.9	95.7	95.9	96.9	97.4	97.4	97.9	97.9	97.9	97.9
≥ 600 ≥ 500	71.1 71.2	82.4 82.4	86.5	88.5	91.8	92.4	94.9	95.7	95.9	96.9	97.8	97.8	97.9	97.9	98.0	98.9
≥ 400 ≥ 300	71.2	82.4	86,5	88.5	91.8	92.5	95.0	1	96.0	97.3	97.8	97.8	98.8	98.8		98.9
≥ 200 ≥ 100	71.2	82.4	86,5	88.5	91.8	92.5	95.0	95.8	96.0	97.3	97,8	97.8	98.9	98,9	99.0	99.1
≥ 0	71.2	82.4	86,5	88.5	91.8	92.5	95.0	95.8	96.0	97.3	97.9	97,9	99.0	99,0		100.0

TOTAL NUMBER OF OBSERVATIONS 4659

BATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, H. C. 286(1)

CEILING VERSUS VISIBILITY

166/13 FMINISHER MAY STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEUNG							v	ISIBILITY IST.	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.0	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000 ≥ 16000	22.7	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 14000 ≥ 12000	23,7	24.2	24,3	24.3	24.3	24.3 25.7	24.3	24.3	24.3 25.7	24.3 25.7	24.3	24.3 25.7	24.3	24.3 25.7	24.3	24.3
≥ 10000 ≥ 9000	26.2 26.6	26.9	27.0	27.0	27.4	27.0	27.4	27.0	27.0	27.4	27.0	27.0	27.0	27.0	27.0	27.0
≥ 8000 ≥ 7000	28.4 30.8	29.1	29.2 31.8	29.3 31.9	29.3	29.3	29.3	29.3 31.9	29.3	29.3 31.9	29.3	29.3	29.3	29.3	29.3	29.3 31.9
≥ 6000 ≥ 5000	33.2	34.4 38.8	34.6	34.6	34,6	34,6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 4500 ≥ 4000	37.3	41.0	41.3	41.4	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	45.8	48.8
≥ 3500 ≥ 3000	50.1 58.3	53.5	54.2 63.8	54.6	54.9	54.9	55.1 65.2	55.1 65.2	55.1 65.2	55.3	55.4 65.6	55.4 65.6	55.4 65.6	55.5 65.7	55.5 65.7	55.5
≥ 2500 ≥ 2000	62.8 0 7.7	74.7	70.3 77.0	71.4 78.6	72.1	72.3	72.5	72.6 80.6	72.7	73.0	73.1 81.2	73.1 51.2	73.2 61.3	73.2	73.2	73.3
≥ 1800 ≥ 1500	0Fal 70a2	75.2	77.5	79.1 82.1	80.3 83.5	80.6 83.9	81.1	81.3	81.3	81.7	81.9	81.9 86.0	86.2	82.0	86.2	82.1 66.3
≥ 1200 ≥ 1000	70.9 72.3	76.0	83.3	83.2	87.0	85.1	86.0	90.0	90.3	87.1 91.3	97.3	91.8	87.5 92.2	87.6 92.3	87.6 92.3	92.5
≥ 900 ≥ 800	72.4	80.4	83.4	85.4	87.2 87.7	87.6	90.0	91.0	90.5	91.6	93.2	93.2	92.5	92.6	92.6	93.9
≥ 700 ≥ 600	72.7 72.8	81.0	84.4	86.6	88.1	88.6	90.6 91.1	92.1	92.5	93.4	94.8	94.1	94.6	94.6	94.7	94.9
≥ 500 ≥ 400	72.9	81.4	84.6	87.1	69.1	89.4 89.6	91.7		93.1 93.5	95.3 95.7	86°5	96.2	96,9	97.6	97.7	97.9
≥ 300 ≥ 200	72.9	81.8	85.1 85.3	87.4 87.6	89.5	90.0	92.9	99.0	94.1	96.3	97.9	97.9	98.1 98.7	98.2	98.2	99.3
≥ 100	73.0	45.0	85.4	87.7	89.9	90.4	93.0	94.2	94.8	97.1	98.2 98.2	98.3	99.1	99,2	99.4	99.9

6090 TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING DIVISION FTAC, USAF ASHEVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

166.2 FAIRE SHER BAY NET HET APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							v	ISIBILITY IST	ATUTE MILE	:S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 11/4	≥1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1 25.2	23.1	23.1	23.1	23.1 25.2	23.1 25.2	23.1	23.1
≥ 18000 ≥ 16000	25.1	25.2	25.3	25.3	25.3 25.5	25.3	25.5	25.3 25.5	25.3 25.5	25.3	25.3	25.3 25.6	25.3	25.3	25.5	25.1
≥ 14000 ≥ 12000	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3 28.0	26,3	26.3 28.0	26.3
≥ 10000 ≥ 9000	29.4	29.5	29.5	29.6	29.6	29.6 30.1	30.1	30.1	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 8000 ≥ 7000	32.4	32.6	32.6	32.6	32.6	32.6	32,6	32.6	32.6	32.7	32.7	32.7	32.7 35.4	32.7	32.7	32.7
≥ 6000 ≥ 5000	38.4	38.9	39.0	39.0	39.0	39.0 44.1	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 4500 ≥ 4000	45.0	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0 51.1	46.1	46.1	46.1 51.1	46,1 51,1	46.1 51.1	46.1	46.1
≥ 3500 ≥ 3000	53.5	44.0	34.7	54.8	54.8	54.8	54.8	54.8	54.8. 63.9	54.9	54,9	54.9	54.9	54.9	54.9 64.1	54.9
≥ 2500 ≥ 2000	68.8 74.8	70.8 77.8	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800 ≥ 1500	75.5 78.4	78.5	79.2	79.5	79.9	79.9			84.9		80.4 65.3	80.4	80.5	80.5		80.5 85.4
≥ 1200 ≥ 1000	79.4	83.7 86.1	84.8	85.3	85.8	85.9					90.4		56.8 90.7	86.8 90.7	90.8	
≥ 900 ≥ 800	81.6	87.5	48.2 89.2	88.9 90.1		91.2	90.1	91.8	91.8			91.0		91.2	91.4	
≥ 700 ≥ 600	87.5	87.8		90.5		91.7	92.2	92.4				93.6	93.9	94.0	94.0	94.1
≥ 500 ≥ 400	83.1 83.2	88.8		91.7	93,4	93.2	93.6	1 1		95.4	95.5	96,2	96.7			
≥ 300 ≥ 200	83.3 33.3	89.2		92.5	1 - 1		94.9	95.3	95.4		96.9	97.4	98.4	98.5	97.7	97.8
≥ 100 ≥ 0	63.3		. ••	92.8								96.4	99.1	99.2	99.5	99.6

5995 TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING DIVISION ETAC, USAF ASHLVILLE, 11, C. 28601

CEILING VERSUS VISIBILITY

10603 FREBISHER BAY HAT DIT APT

42-50

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS

CELLING	1						٧	ISIBILITY (ST	ATUTE MILE	ESI						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ 2	≥ 1%	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NC CEILING ≥ 20000	28.0 31.1	28.0	28.0	28.0	28.1	28.1	28.1	28.1	25.1 31.2	28.1	28,1	20.1 31.3	28,1	26.1	28.1	25.1
≥ 18000 ≥ 16000	31.7	31.6	31 . R	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000 ≥ 12000	33.3	33.4	33.4	33.4	33,5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33,5	33,5	33.5
≥ 10000 ≥ 9000	36.1 36.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4 37.1	36,4 37.1	36.4 37.1	36.4 37.1	36.4 37.1	36.4 37.1	36.4
≥ 8000 ≥ 7000	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 6000 ≥ 5000	40.5	48.7	48.7	48.8	48,8	48.8	34.5	48.8	48.8	48,8	48,8 55.0	48.8 55.0	48,8 55.0	48,8 55.0	48,8 55.0	48.8
≥ 4500 ≥ 4000	57.7	58.1	58.2	58.2	58.2	58.2 63.5	58.2	58.3	58.3	58.3	58,3	58.3	58,3 63.6	58.3	58.3	58.3
≥ 3500 ≥ 3000	71.6	73.0	73.4	67.7 73.6	73.6	67.7 73.0	73.7	67.8 73.7	67.8 73.7	67.9 73.6	67.9 73.8	73.8	67.9 73.8	67.9	67.9 73.8	73.8
≥ 2500 ≥ 2000	77.0	77.7	78.2	82.2	78.5 82.3	78.5	78.6	78.7 82.5	78.7 82.6	78.7	78.7 82.7	78.7 82.7	78.7 82.7	78.7 82.7	78.8 82.7	78.8
≥ 1800 ≥ 1500	90.9		82.4	82.6	82.6	82.8	82.9	83.0 85.5	83.0	85.7	83.1	83.1	83.1	83.1	85.7	83.1
≥ 1200	81.6	86.7	68.6	86.1	86.4	86.5	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.6	
≥ 900 ≥ 800	83.8	87.9	90.1	89.7	90.4	90.4	90.6	90.7	90.7	91.0	92.4	91.0	91.1	92.7	91.1	91.2
≥ 700 ≥ 600	84.0	88.7	91.0	91.4	92.7	92.6	92.6	93.2	92.7	92.9	93.0	93.0	93.2	93.2	93.2	93.3
≥ 500 ≥ 400	84.6	89.7	91.6	93.0	94.0	94.0	94.6	93.9	93.9	94.3	95.3	95.4	95.6	94.7 95.6 96.8	94.7 95.7 96.9	94.8
≥ 300 ≥ 200	65.1	90.0	92.6	93.5	94.9	94.9	95.7	96.0	96.1	96.7	90.9	97.0	96.8 97.4 98.8	97.3	97.7 99.1	97.8 97.8
≥ 00	#5.1	90.2	92.8 92.8	94.0	95.1 95.1	95.2	96.0	96.4	96.6	97.5	97,9	97.9	98.8	99.0	1 4 4 7 7	100.0

TOTAL NUMBER OF OBSERVATIONS 6175

USAF ETAC JUL 4 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING DIVISION ETAL, USAF ASHEVILLE, .. C. 28351

CEILING VERSUS VISIBILITY

1661 FATHER STATE STATES APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							٧	ISIBILITY IST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	20.3	20.4	20,4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 18000 ≥ 16000	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.5	24.6	24.6	24.6	24.5	24.6
≥ 14000 ≥ 12000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25,5	25.5	25.5	25.5
≥ 10000 ≥ 9000	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 8000 ≥ 7000	33.0 36.8	33. L	33.1	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 6000 ≥ 5000	41.0	41.3	41.4	41.5	41.5	41.5	4) . 5	41.5	41.5	41.5	41.0	41.0	41.6	41.6	41.6	41.6
≥ 4500 ≥ 4000	48.9 55.7	49.4	49.5 56.6	49.6 56.7	49,6	49.6	49.6 56.8	49.7	49.7 56.9	49.7	49.7 56.9	49.7	49.7 56.9	49.7 56.9	49.7 56.9	49.7
≥ 3500 ≥ 3000	60.8	61.9 71.6	62.0	62.1	62.2	71.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3 71.8	62.3	^2.3 71.6
≥ 2500 ≥ 2000	76.3 51.1	78.1	78.3 84.1	78.5	78.6	78.6	78.7 84.6	78.7	78.7	76.7 84.7	78.7	78.7	78.7	78,7	75.7 84.8	78.7
≥ 1800 ≥ 1500	81.5 83.4	84.1	84.6 87.8	84.9	85.1 86.4	85.1	85.1	35.1	85.1	39.2	85.3	85.3		85.3	85.3	85.3
≥ 1200 ≥ 1000	83.9	87.7	88.7	89.1 91.5	89.4 91.9	91.9	89.5 92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	89.7 92.4	92.4
≥ 900 ≥ 800	55.1	90.8	91.4	92.0	92.5	92.5	92.7	92.8	92.8	92.9	94.5	93.0	93.0	93.0	93.0	93.d
≥ 700 ≥ 600	05.5 05.6	90.0		93.3	94.0	94.1	94.4		95.1	95.5	95.5	95.5	95.1 95.6		95.1 95.6	
≥ 500 ≥ 400	85.7	91.4		94.4	95.4	95.4	95.9	96.2	96.2			96.7	96,8		96.6	97.3
≥ 300 ≥ 200	65.8 65.9		93.7	94.9	96.0		96.7	96.9	97.0	97.9	98.0	97.7	90.2	98.2	97.8	90.3
≥ 100 ≥ 0	65.9			95.2		96.2	97.0		97.6		98.8	98.9	•	99.3	99.4	99.4

6143 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PIVISION FTAC, USAF ASHEVILLE, 4. C. 28HOL

CEILING VERSUS VISIBILITY

16643 FRURISHER SAY SHIT PUT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CHENG							٧	ISIBILITY IST	ATUTE MILE	:S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	15.2	15.4	15,4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.5	15.5		15.5	15.5
≥ 18000 ≥ 16000	17.9	18.1	1 ⁸ • 1 18 • 2	16.1	18.1 18.2	18.1	18.1	18.1	18.1 18.2	18.2	18.2	18.2	18.2	18.3	14.2	18.2
≥ 14000 ≥ 12000	18.6	18.8 20.0	18.8	18.8	18.8	18.8	18.8	18.8 20.6	18.8	18.8	18.8	18.8	18.8	18.8 20.1	18.8	18.9
≥ 10000 ≥ 9000	21.4	21.0	21,6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.d
≥ 8000 ≥ 7000	24 · 1 26 • 6	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.8	24.6	27.3	24.6	24.6
≥ 6000 ≥ 5000	30.4	31.0	31.0	31.0	31.1 34.7	31.1 34.7	31.1 34.7	31.1 36.7	31.1	31.2 34.7	31.7	31.2	31,2 34,8	34.0	31.2	31.2
≥ 4500 ≥ 4000	35.8 42.2	36,5	36.6	36.7	36.8 43.3	36.8	36.8 43.4	36.8	36.8 43.4	36.9	36,9	36.9	36.9 43.5	36.9 43.5	36.9	36.9 <u>43.5</u>
≥ 3500 ≥ 3000	63.3	52.8			53.2		53.3	53.3	53.3	53.4	53.4	53.4	65.5		53.4	53.4
≥ 2500 ≥ 2000	75.7	71.2	71.8	72.0	72.1	72.1	72.2	72.2 80.4	72.2	72.3 80.5	72.3 80.5	72.3	72.3	72.3 80.6	72.3	72.3
≥ 1800 ≥ 1500	77.4		84.4	81.0	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	85.8	81.5 85.8	81.5
≥ 1200 ≥ 1000	50.3	85.7	85.1 87.1	88.0	86.1			89.4	89.5	86.7	90.0		90.2	86.8	90.2	90.2
≥ 900 ≥ 800	51.6	85.4	87.8	88.2	90.2	90.2	90.9	91.0	91.0	90.2	90.3	91.9	90.5 92.1	92.1	90.5	90.5
≥ 700 ≥ 600	31.8 61.9	85.8		89.4	90.4	90.4	91,5	91.5	91.2	92.5	92.6	92,2		92.4		
≥ 500 ≥ 400	61.9	86.1	88.3	89.8	91.0	91.3	92.5	92.3	92.9	94.3	93,7	93.7	93,9		94.6	94.8
≥ 300 ≥ 200	31.9	86.2 86.2	88.4	89.9	91.5	91.5	93.0	93.2	93.4	94.8	95,0 95,5	95.6		95.9	90.0	96.1
≥ 100 ≥ 0	81.9	86.2 86.2	88,4		91.5 91.5		93.1 93.1	93.5		95.8 95.9	96.3	96.4	96.9			97.3

TOTAL NUMBER OF OBSERVATIONS 3756

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SETVICE/OAC

CEILING VERSUS VISIBILITY

16613 FRISHER HAY TOT THE APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

čE, NS							v	ISIBILITY STA	ATUTE MILE	:s						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5,8	≥ ⅓	≥ 5, 16	≥ .	≥ 0
NO CEUNG ≥ 20000	10.7	17.2	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.5	17.5	17.5	17.9	17.5	17.5	17.2
≥ 18000 ≥ 16000	17.0	18.2	18.2	18.3	18.3	18.3	18.4	18.4 18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	15.5
≥ 14000 ≥ 12000	17.9	18.4	18.5	18.5	18.0	18.6 19.7	18.4	18,7	18.7	19.8	15.8	18.8	18.8	18.8	18.8	19,9
≥ 10000 ≥ 9000	19.7	20.9	20.5	20.5	20.5	20.5	20.6	20.5	20.7	20.7	20.7	20.1	20.7	20.7	20.7	20.7
≥ 8000 ≥ 7000	21.3	22.0	22.0	22.1	22.1	22.1	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	24.8
≥ 6000 ≥ 5000	27.3 31.0	28.5	28.6	28.8	28,8	28,8	29.0 33.1	29.1 33.2	29.1 33.2	29.1 33.3	33.3	29.2 33.3	29.2 33.3	33.3	29.2 33.3	29.2
≥ 4500 ≥ 4000	33.3 30.4	40.3		35.2 40.9	35.3 41.2	35.4	35.6	35.6 41.5	35.6	35.7 41.6	35.H	35.8 41.7	35.0	35.6 41.7	35.8 41.7	37.8
≥ 3500 ≥ 3000	44.1 73.3	46,3	97.2	47.1 37.7	47.5 58.1	47.5 58.2	47.5	47.9 58.6	47.9 58.6	48.1 58.8	48.1 58.9	46.1 58.9	46.2 56.9	46.2 58.9	48.2 58.9	50.9
≥ 2500 ≥ 2000	60.8 (8.3	14.2	,	76.6	77.4	67.5	67.8	67.9 78.2	67.9 78.2	68.3 78.7	78.8	78.8	78.9	68.4 78.9	78.9	78.9
≥ 1800 ≥ 1500	69.4 72.9	75.0 80.1	77.2 82.2	76.1 83.3	79.0	79,1 84.6	79.6	79.8	79.8 85.6	80.3	80.4	80.4	80.5	80.5	80.5 86.7	80,6
≥ 1200 ≥ 1000	74.3 75.0	61.9	86.0	85.3 88.2	86.5	86,7 90,0	91.3	87.9 91.7	87.9 91.7	88.7 92.9	88.9 93.1	93.1	89.0	89.0 93.1	89.1 93.4	93.5
≥ 900 ≥ 800	75.6 75.8	04.2 84.7	87.4	88.4 89.0	90.2	90,4 91.1	91.8	92,2 93,3	92.2	93.4	93.7	93.7 95.4	93.9	93.4	94.0	99.8
≥ 700 ≥ 600	75.8 75.9	64.8	87.5	89.1	91.1	91.3	92,9	93.5	93.7	95.2 95.2	95.6	95.8	96.0	96.0 E.69	96.1	90.0
≥ 500 ≥ 400	75.9	84.9	87.6	89.4	91.4	91.7	93.7	94.5	94.5	96.4	96.9	97.1	97.5	97.5	97.7	97.9
≥ 300 ≥ 200	75. ¥	84,9	,	89.5	91.7	92,0 92.0	94.0	94.8	95.0	97.0	97.7 98.0	97.9	98.9	98.9	98.8	99.1
≥ 100 ≥ 0	75.9	84.9		69.5 89.5	91.7	92.0	94.0	94.8	95.0 95.0	97.2	98.0	98.2	98.9	98.9	99.4	100.d

5924 TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING DIVISION ETAC, PSAF ASHEVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

16603 ENERSHER DAY STATE AFT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (CST)

CE : NO	i						· v	ISIBILITY ST	ATUTE MILE	:S ⁾						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ '•	≥ 0
NC CEUNG ≥ 20000	21.3 23.2	22.b	23.0	23.1	23.4	23.4				23.6		23.9	23.9	23.9	24.0	
≥ 18000 ≥ 16000	23.3	24.9	25.3	25.3	25.6	25.6	25.9		25.9	26.1	26.2	26.2	26.2	26.2	26.2	26.4
≥ 14000 ≥ 12000	24.3	27.5	26.2	27.9	26.7	26.7	26.9	27.0	28.5	28.7	27.3 28.9	28.9	27.3	28.9	27.4	27.5
≥ 10000 ≥ 9000	26.7	26.9	29.2	29.3	29.8			30.0	30.C	30.2	30.0	30.3	30.4	30.1 30.4	30.2	30.0
≥ 8000 ≥ 7000 ≥ 6000	28.1 31.1 32.9	13.3	30.4 33.7 36.0	30.5 34.0 36.3	31.0 34.5 37.0	31.0 34.5 37.0	31.2 34.7 37.2	31,3 34,8 37,3	31.3 34.3 37.3	35.0	31.6 35.2 37.8	35.2	31.7 35.3 37.9	31.7 35.3 37.9	31.8 35.4	39.4
≥ 5000 ≥ 5000	36.9 38.3	39.9	40.4	40.8	41.5	41.5	41.3		;	42.3	42.4	42.4	42.6	44.8	42.7	42.7
≥ 4000	43.4	47.7	53.5	49.0	49.9	49.9	50.3	50.5	50.5	50.9	51.2 56.5	51.2	51.3	51.3	56.9	56.9
≥ 3000 ≥ 2500	33.3 58.6	60.0	61.5		63.6				64.6	65.3		65.6	- 1	65.9 74.4	66.0	74.6
≥ 2000	03.3	7306	76.4	77.7	79.8 80.8	79.9	82.5	82.1	82.2		84.7		85.0	85.1	84.0	84.0
≥ 1500 ≥ 1200 ≥ 1000	05.0	70.2		82.5	85.4		67.6	88.5	87.3 88.7	90.4	90.8		91.3		91.5	90.1
≥ 900 ≥ 800	65,9	77.6 77.7 77.4	81.8	83.5	87.0 87.2 87.5	87.3	89.7	90.5 70.8 91.3	91.0		93.7		94.3		94.2	94.5
≥ 700 ≥ 600	66.1	77.9	85.0 85.0	8.68	87.5	87.7		91.5		94.1	94.7	94.7		95.6	95.H 96.1	96.0
≥ 500 ≥ 400	66.1	77.9	82.0	83.8	87.7 87.7	87.8	90.5	91.8	92.1	94.7	95.8 96.0	95.8	96.8	97.0	97,3	97.4
≥ 300 ≥ 200	66.1	77.9		83.9		87.9	90.5	91.9	92.2	94,9	96.2		97.3	97.5	97,9	98.1
≥ 100 ≥ 0	65.1 65.1	77.9	82.1 82.1		87.7 67.7			91.9			96.4	96.5				

TOTAL NUMBER OF OBSERVATIONS 3247

MATA PROCESSION DIVISION FTAC, Sub-takeville, . C. 24001

CEILING VERSUS VISIBILITY

YEARS

1061 TOTAL TOTAL HAY STATION NAME

HOURS (E.ST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELLING	} }						٧	ISIBILITY :ST	ATUTE MILE	(S)						}
1394	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NG CEILING ≥ 20000	34.9	17.4	37,9			- 1	40,6	40.1	40.2				41.4	41.4	41.5	41.0
≥ 18000 ≥ 16000	35.5	39.0	39,6	40.0	41.0	41.1	41.7	41.9	47.0	42.6	42.7 42.4	42.8	43.1	43.1	43.2	43.3
≥ 14000 ≥ 12000	37.4	40.0	40.6	41.0	42.0	42.1	42.7	42.8	47.9	43.6	43.7	43.7	44.1	44.1	44.2	1 - 1
≥ 10000 ≥ 9000	39.9	43,0	43,6	44.4	45.0	45.1	45.7	45.9	45.9	46.6	46.7	40.7	47.1	47.1	47.7	1 _ 1 _ 23
≥ 8000 ≥ 7000	41.2	44.4	45,1	45.5	46.5	10.0	47.2	47.4	47.4 50.9	48.1	48.7	40.2 51.7	48.6	48.7	48.7	5204
≥ 6000 ≥ 5000	46.0	50,4	51.6 55.6	52.2	53.3	53.3	54,? 58,5	54.3	54.4 58.7	55,1	55.3 59.7	55.3 59.7	55,8	55,8	55.9	56.1
≥ 4500 ≥ 4000	50 • 1 53 • 0	59.8	57.3	58.1	59.3	59.5	60.5	60.6 65.8	65.9	66.8	67.0	61.7 67.1	67.5	62.2	67.8	60.0
≥ 3500 ≥ 3000	29.3	68.0	70.7	72.0	73.9	74.1	72.6	75.9	76.0	70.8	71.0	77.4	77.9	73.0	76.3	7000
≥ 2500 ≥ 2000	41.2	73.2	73.9		81.7	78.1 82.0	79.6	84.7	80.7	86.6	86.6		87.4	82.5	87.7	88.1
≥ 1800 ≥ 1500	03.6	74.2	77.5	80.9	84.1	82.8 84.0	86.8	85.5	85.6	89.9		90.	9101	91.2	71.5	91.9
≥ 1200 ≥ 1000	04.5	7226	79.4	Piz		45.0			89.3	91.8	92.0	92.0	93.7		94.3	74.8
≥ 900 ≥ 800	64.6	73.4	79.3	81.9	05.3	85.7	88.0	39.3	89.3	92.3		93.1	94.3	94.4	94.9	95.5
≥ 700 ≥ 600	04.6	73.4	79.6	62.0	85,4	85.9 85.9	88.3	67.4	39.5 39.7	92.4	93.4 93.5	93.4	94.7	94.0	95.3	90.0
≥ 500 ≥ 400	04.6	75,4		82.0	85.4		88.4		89.7	92.9	93.7	93.7	95.1	93.2	95,9	90.0
≥ 300	04.0	7200	· ·	82.0	85,4		88.4	89.5	89.7	92.9	93.7		95.1	9),3	96.2	96.9
≥ 100 ≥ Ø	64.6	1	79.6		85.4					93.1		_				100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

CEILING VERSUS VISIBILITY

16603 FROBISHER BAY NWT DOT APT

43-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0400

CFILING							V	ISIBILITY .ST.	ATUTE MILE	S						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.3	≥ 2	≥ ;	≥ 1%	ا ج	≥ ¾	≥ 5:8	≥ 1/2	≥ 5 16	≥ '.	≥ 0
NO CEILING ≥ 20000	47.7 48.0	- 1	50.1 50.4	50.9	51.8 52.1	51.8 52.1	52.A 53.2	53.0 53.3	53.0 53.3	53.9	54.0 54.4	54.0 54.4	54.7	54.7 55.1	55.2	55.4 55.7
≥ 18000 ≥ 16000	48.0 45.0	50.1 50.1	50.4	51.3	52.1 22.1	52.1	53.2 53.2	53.3 53.3	53.3 53.3	54.2 54.2	54.4	54.4	55.1 55.1	55.1	55.6	55.7
≥ 14000 ≥ 12000	40.1 50.3	51.1 52.3	51.5 52.7	52.3	53.2 54.5	53.2 54.5	54.7	55.9	54.4	55.2 56.0	55.4 56.9	55.4	57.5		56.6	56.4 58.3
≥ 10000 ≥ 9000	50.9 51.6	53.0	53.3 54.2	54.2	55.2 56.1	55.2	56.4 57.3	56.6	56.6	57.5 58.3	57.0	57.0	58.3 59.2	58.3	58.8	59.0 59.9
≥ 8000 ≥ 7000	53.5	37.0	56,4 58,1	57.3	55.5	50.5		59.9	59.9 61.9		63.0	60.3	63.6	63.6	64.2	64.3
≥ 6000 ≥ 5000	39.3	63.6	64.2	65.9	67.9	67.9	69.6		70.0	71.2	71.4	67.8	72.2	72.2	72.9	73.2
≥ 4500 ≥ 4000	50.7 92.3	.7.8	68.3	70.0	70.0	70.0	74.1	74.4	74.4	73.4	73.6	73.6	74.4	76.6	75.1	77.9
≥ 3500 ≥ 3000	04.0	70,3	71.0	76.2		75.3	81.0		77.5	79.0 83.4	79.9 83.7	79,9 83.7	81.1		81.9	
≥ 2500 ≥ 2000	07.8	77.7	77,0	80.6	83.9	83.9	86.1	36.4	84.4	88.5	86,8		90.1	90.1	91.1	71.4
≥ 1800 ≥ 1500	69.5	78.4	79.1	81.1	84.4	84.2 84.4			86.8	69.7	90.1	90.1	90.4		92.3	
≥ 1200 ≥ 1000	59.5	78.7	79,6	81.5		85.2	88.3	A8.7	88,3			91.3		92.5	93.5	93.8
≥ 900 ≥ 800	69.8 10.0 70.0	79.2	80.1 80.3	82.2	85.6 85.8	85.6 85.8	88.9	89.2	89.4		92.3	92.3		91.5	94.5	94.9
≥ 700 ≥ 600 ≥ 500	70.0 70.0	79.2	80.3	82.2	85,8	85.8	88.9		69.4	91.9 93.0	92.3	92.3	93.5	93.5	94.5	94.9
≥ 400	70.2		80.3 80.4	82.2	85,8	35,6	89,2		89.7	93.0		94.5	94,9	79.2	96.2	96.6
≥ 200	79.2	79.4	80.4 80.4	82.3	85,9	85.9	89.4		89.9		93.7	93.7	95.0	93.4	- 1	90.7
≥ 100 ≥ 0	10.2	79.4	80.4		85.9						93.7	93.7	• -		-	1

TOTAL NUMBER OF OBSERVATIONS_

CATA PROCESSING DIVISION ETAC, USITE ASHEVILLE, H. C. 28601

CEILING VERSUS VISIBILITY

1001 TAMES SAY NOT APT 43-50

-0400-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY ST.	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 1⁄4	≥ 5.8	≥ ½	≥ 5 16	≥ '4	≥ 0
NO CEILING ≥ 20000	43.6	46.2	46.7	47.8	47.8	47.8	47.9	48.1	48.1 49.8	50.0	50.7	50.7	51.2	51.2 52.9	51.2	11.2
≥ 18000 ≥ 16000	45.2	47.9	48.4	49.5	49.5	49.5	49.7	49.8 49.8	49.8 49.8	51.7 51.7	52.4	52.4	52.9	52.9	52.9	52.9
≥ 14000 ≥ 12000	46.9 47.9	49.7	50.2	51.2 52.2	51.2 52.2	51.2 52.2	51.4	51.6 52.6	51.6	53.4	54.1 55.2	54 · 1 55 · 2	54.7	54.7	54.7	35.7
≥ 10000 ≥ 9000	48.3	51.7 52.4	52.2 52.9	53.3	53.3	53.3	53.4	53.6	53.6	55.5 56.2	56.2	56.2	56.7	56.7	56.7 57.4	57.4
≥ 8000 ≥ 7000	50.5	54.1 57.8	54.7 58.3	55.7 57.3	55.7 59.3	55.7 59.3	56.0 59.7	56.2	56.2 59.8	58.1	58,8 62.4	58.8	59.7	59,3	59.7	59.3
≥ 6000 ≥ 5000	55.9	60.5	61.2	62.4	62.6	62.6	63.1	63.3	63.3	65.2	70.3	65.9 70.5	71.0	71.0	71.0	71.6
≥ 4500 ≥ 4000	59.8	68.6	70.3	67.8	67.9 72.2	68.1 72.4	68.A 73.3	69.0 73.6	69.0 73.6	71.4	72.1	72.1	72.8	72.6	77.4	73.3
≥ 3500 ≥ 3000	03+1 66+7	70.5	72.6	74.3 79.1	74.7	74.8	75.9	76.7	76.7	79.3	86.9	81.0	81.7	81.7 87.6	81.7	82.2 88.1
≥ 2500 ≥ 2000	67.6	76.7 77.5	79.1	81.2	82.9	83.1	84.1	85.0	85.2	87.8	90.7	90.7	90.2	90.2	90.2	90.7
≥ 1800 ≥ 1500	08.3 68.3	77.8	40.3	82.4	84.5	84.7	85.7	87.2	86.7 87.4	90.0	91.0	91.0 91.7	91.7	91.7	92.1	92.6
≥ 1200 ≥ 1000	68.6 09.3	78.4 79.1	81.0 81.7	83.8	85.3	85.5	86.6 87.4	87.9 88.8	88.1 89.0	90.7	92.4 93.3	92.4	93.3	93.3	93.6	94.1
≥ 900 ≥ 800	69.3	79.1	81.7 61.7	8j.8	86.0	86.2	87.4 87.4	88.8	89.0	92.6	93.3	93.3	94.1	94.1	94.5	95.Z 95.Z
≥ 700 ≥ 600	69.3	79.1 79.1	81.7 81.7	83.8 63.6	86.0 86.0	86.2	87.4	88.8	89.0	92.1	94.0	94.0	94.8	94.8	95.2	95.9
≥ 500 ≥ 400	69.3	79.1	61.7 61.7	8 j. 8	86.0	86.2	87.4 87.4		89.0	92.6	94.5	94.7	95.5	95.5	95.9	96.0
≥ 300 ≥ 200	69.3	79,1	81.7 81.7	83.8 83.8	86.0 86.0	86.2	87.4	88.5	89.0	92.9		95.0	95.9	95.9	96.2	96.9
≥ 100 ≥ 0	69,3	79,1 79,1	81.7	83.8	86.0 86.0	86.2	87.4	1	89.0	92.9	94.8	95.0	95,9	95.9	96.2	97.1

TOTAL NUMBER OF OBSERVATIONS 550

DATA PROCESSING DIVISION STAC, USAP ASHFVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

10603 FAUBISHER BAY STATION RAME

០៩ពីទំនឹង០០

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEISING							V	SIBILITY IST	ATUTE MILE	Si						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5 8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	4).3	43.2	43.8	44.0	44.1	44.3	44.6	44.6	44.5	46.3	46.5	46.5	46.8	46.8	46.9	40.8
≥ 18000 ≥ 16000	40.4	43.4	44.0	44.1	44.3	44.4	44.9	44.9	44.9	46.6	46.8 46.8	45.8 45.8	47.1	47.1	47.1	47.1
≥ 14000 ≥ 12000	41.2	44.1	44.8	44.9	45.1 45.8	45.2	45.7	45.7	45.7	47.4	47.5	47.5	47.8 48.6	47.8	47, R	47.8
≥ 10000 ≥ 9000	43.1 44.0	46.5	47.2	47.4 48.0	47.7	47.8	48.3	48.5	48.5	50.2 51.6	50.3 51.5	50.3 51.5	50.6	50.6 51.9	50.6 51.9	51.9
≥ 8000 ≥ 7000	46.1 48.1	50.2 52.6	51.1 53.5	51.2 53.7	51.5	51.7 54.2	52.3 54.8	52.5 53.1	52.5 55.1	54.5	54.6	54.6 57.3	54.9 57.7	54.9 57.7	54.9 57.7	55.1 57.7
≥ 6000 ≥ 5000	49.7	54.9	55.9	56.0	56.3	56.5 62.8	57.1	57.4	57.4	59.4	59.6	54.6	60.0	50.0	60.0	67.3
≥ 4500 ≥ 4000	54.3 56.0	60.8 64.0	62.3	62.7	63.6	63.9	64.5	64.8	64.8	67.U	67.1 71.0	67.1 71.0	67,9 71.8	67.9		68 · 4
≥ 3500 ≥ 3000	57.4 59.4	69.8	68.4 72.2	69.0 73.1	69.9 74.1	70.2	71.1 75.8	71.5	71.5	73.9	74.5	74.5	75.3	75.3	75.3	75.8
≥ 2500 ≥ 2000	67.3	73.3	75,9	77.0 78.9	78.1	78.5 81.4	79.8	80.6	80.6	83.2	84.3 88.0	84.3	89.2	85.2	85.2	85.0
≥ 1800 ≥ 1500	63.4	75.2	77,8 78,5	78.9 79.6	80.7	81.3 82.1	83.0 84.1	84.3	84.3	86.9 88.4	88.0	88.0	89.4 90.9	89.4 90.9	- 1	89.8
≥ 1200 ≥ 1000	64.0	75.9	78.7	79.8 81.2	81.6	82.3	84.3	85.8	85.8	90.3	89.7 91.4	91.4	91.0	91.0		91.5
≥ 900 ≥ 800	04.5	77.2	80.1 80.2	81.2	83.0 83.2	83.6	85.8 86.0	87.3 87.8	87.3 87.8	90.3	91.4	91.4	92.9	92.9	92.9	93.5
≥ 700 ≥ 600	64.5	77.3	80.2 80.2	81.3	83.2	83.8	86.0	87.8	87.8 87.8	91.0	92.3	92.3	93.8 94.0	93.8	93.8 94.0	
≥ 500 ≥ 400	64.5	77.3	80.2 80.2	81.3	83.2 83.2	83.8	86.0 86.0	87.6	87.8 87.8	92.0	93.4	93.4	95.2	95.2	95.2	96.3
≥ 300 ≥ 200	64.5	77.3	80.2 80.2	81.3	83.2	83.8	86.0 86.0	87.6	57.8 67.8	92.0	93.7	93.5	95.4	95.4	95.4	96.3
≥ 100 ≥ 0	64.5	77.3	80.2 80.2	81.3	83.2	83.8	86.0 86.0		87.8	92.1	93.7	93.7	95.7	95.7	96.0	-

TOTAL NUMBER OF OBSERVATIONS....

DATA PROCESSING DIVISION ETAL, HEAR ASHEVILLE, A. C. 28dAL

CEILING VERSUS VISIBILITY

16643 FATISTSHER SAY HAT THE APT 43-50 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-020041700

CEILING							٧	ISIBILITY (ST.	ATUTE MILE	S ₁						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.6 17.5	38.0	38.7	39.0	37.1	34.3	39.6	39.6	39.6	39.9	40.0	40.0	40.6	40.6	40.7	41.2
≥ 18000 ≥ 16000	37.7	41.1	41.8	41.5	41.9	42.1	42.5	42.7	42.7	43.0	43.3	43.3	43.8	44.0	44.0	44.4
≥ 14000 ≥ 12000	40.8	44.1	44.7	44.6	45.0	45.2	45.6	45.7	45.7	40.0	46.3	46.3	46.9	47.1	47.1	47.5
≥ 10000 ≥ 9000	43.0	40.3	46.5	46.8	47.4	47.5	47.9	48.1	48.2	48.5	48.8	50.0	49.7	49,9	49.9	50.3
≥ 8000 ≥ 7000	46.5	50.4 54.8	50.6	51.3 55.3	52 • 1 56 • 2	56.5	53.1 57.2	57.6	53.5 57.6	53.8	54.3	54.3 56.7	55.1 59.5	55.3 59.7	55.3 59.7	50.1
≥ 6000 ≥ 5000	51.6 56.4	57.0	58,1	59.4 62.8	63.8	60.6	61.4	61.9	62.0	62.5	62.9	62.9	67.9	63.9	68.0	66.5
≥ 4500 ≥ 4000	54,4 55,4	62.5	61.9			65.1	69.8	70.2	70.5	71.4	72.1	67.9	73.5	73.6	73.6	74.0
≥ 3500 ≥ 3000	56.3 57.9		66.4 68.8	71.3	70.1 73.8	70.5	71.6 75.8	72.0 76.7	77.0	73.3	74.0	74.0	75.4 80.5	75.5 80.6	75.5	76.d
≥ 2500 ≥ 2000	58.9 60.6	69.0	70.5	73.5	78.6	76.5	77.9	79.0	79.3	80.6	81.5	81.5	83.1 88.7	83.3 88.9	83.3	89.3
≥ 1800 ≥ 1500	60.9	70.5	73.3	75.8	79.0 79.8	80.8	82.1	83.6 84.8	85.2	86.2	87.1	88.3	90.3	90.3	90.5	90.9
≥ 1200 ≥ 1000	61.1	76.5	73.9 14.8	76.5	79.8	80.8	84.5	84.8 86.4	85.2	39.1	90.0	90.0	90.5	90.6	92.2	91.1
≥ 900 ≥ 800	61.6	71.4	74.8	77.7	81.2	82.0	84.5	57.0	86.8	90.0	90.9	90.9	92.2	92.4	92.4	92.6
≥ 700 ≥ 600	01.6	71.6	75.2	77.9	81.4	82.4	85.0	87.1 57.4	87.7	90.2	91.3	91.1	93.3	93.4	93.4	94.d 94.3
≥ 500 ≥ 400	61.6	71.6	75.2 75.2	77.9	81.4	82.4		87.4	88.0		91.5	91.5	94.3	94.3	94,4	95.4
≥ 300 ≥ 200	01.6	71.6	75.2	77.9		82.4			88.0		91.5			94.4	94.7	95.7
≥ 100 ≥ 0	61.6		75.2 75.2	77.9		82.4	85.3			90.8	91.6	91.6	94.4	94.6	94.9	96.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISI IN FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16603 FEITH SHEE HAY NET OUT APT

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELING							v	ISIBILITY (ST	ATUTE MILE	(S)						
PEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.,	≥ 2	≥14	≥ 1%	≥ ;	≥ ¾	≥ 5/8	≥ ½	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.6	42.1	42.7	42.7	43.3	43.0	43.5	43.7	43.7	44.1	44.7	44.7	45.5	45.5	45.9	46.9
≥ 18000 ≥ 16000	39.7 39.9	43.5	44.1	44.1	44.7	45.0	45.0	45.2	45.2	45.6	46.2	46.2	47.1	47.1	47.5	48.7
≥ 14000 ≥ 12000	40.9 42.8	44.7	45.3	45.3	45.0	46.2	46.2	46.3	46,3	46.8	47.4	47.4	45,2	48.2	48,7	49.7
≥ 10000 ≥ 9000	44.6	48.5	49.1	49.9	50.6	51.0	51.7 51.3	51.3 51.5	51.3 51.5	51.8 51.9	52.5 52.6	52.6	53.5 53.7	53.5 53.7	54.0	55.0 55.1
≥ 8000 ≥ 7000	47.2 52.2	57.5	52.6 58.4	53.4 59.5	54.4	54.8 61.4	55.0 61.6	55.3	55.3 61.9	55.7	56.6 63.J	56.7	57.6	57.6	58.1	59.1
≥ 6000 ≥ 5000	54.5 56.3	61.1	62.3	66.6	65.0	65.5	69.5	69.8	66.1	67.0 70.8	67,9 71.7	74.0	69.2 73.5	69.4 74.6	69.8 74.0	70.8
≥ 4500 ≥ 4000	56.5 27.3	63.5	67.0	66.7	10.7	71.4	69.9 72.1	70.2	70.2	71.3 73.6	72 • i 74 • 5	72.4	73,9 76.2	74.0 76.4	74.5 76.8	75.5
≥ 3500 ≥ 3000	27.9	58.0	70.2	70.1	72.1 74.5	72.9 75.4	73.6	73.9 77.9	74.0 78.2	75.2 79.6	76.1 80.5		77.9	76.C	78.4 63.1	79.5
≥ 2500 ≥ 2000	60.0 01.3	70.5	71.6	75.5	76.1 78.3	77.1	79.6 82.4	30.4 83.4	80.6	85.6	83.3	83.9	85.3	85.5	65.9	
≥ 1800 ≥ 1500	01.4	70.7		75.7 76.7	78.4		82.6 84.0		84.0 85.8		87.1 89.0			89.3 91.3	91.8	93.2
≥ 1200 ≥ 1000	62.2	71.6			79.8	81.7		85.6			90.3				91.9	93.4
≥ 900 ≥ 800	52.2 62.2	71.8	74.8 74.8	77.1	80.6	81.7	85.0		86.8	89.4	90.3		93.0	93.5	93.5	95.7
≥ 700 ≥ 600	62.2	71.8	74.8	77.3	80.8	81.8	85.2	86.7			90.6	91.2	93,5	93.7	94.1	95.9
≥ 500 ≥ 400	02.2	71.8	74.8	77.3	80.8	81.8	85.2	86.7		89.7	90.9	91.5	93.8	94.0	94.6	96.2
≥ 300 ≥ 200	92.2	71.8	74.8 74.8		80.8	81.8	85.2	86.8	87.1	90.2	91.2	91.8	94.1	94.4	95.3	97.1
≥ 100 ≥ 0	02.2	71.8			80.8			86.8				91.9	94.3	94.4		97.4

485 TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING DIVISION ETAC, USAF ASHEMILLE, 4. C. 28801

CEILING VERSUS VISIBILITY

16623 FRIBISHER LAY NET OFF APT

_____ A3-5U

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 #890 11700

CEILING							v	ISIBILITY (ST	ATUTE MILE	:S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.9	45.4	46.0	46.1	46.4	46.4	47.3	47.4	47.5	46.3	49.3	49.3	49.6	49.6 50.2	49.9	50.5
≥ 18000 ≥ 16000	42.4	46.0	46.5	46.7	47.0	47.0	47.9	48.0 48.2	48.2	48.9	49.9 50.1	49.9 50.1	50.2 50.4	50.2	50.5	51.1
≥ 14000 ≥ 12000	43.8 44.8	47.3	47.9	48.0	48.3	48.3	49.2 50.4	49.3	49.5 50.7	50.2 51.4	51.2 52.4	51.2 52.4	51.5	51.5	51.8 53.0	52.4
≥ 10000 ≥ 9000	45.1 45.2	49.2	49.9 50.1	50.2 50.4	50.5 50.7	50.7 50.8	51.7 51.8	51.6	52.0 52.1	52.9	54.0 54.2	54.2 54.3	54,5	54.5 54.6	54.8 54.9	55.4 55.5
≥ 8000 ≥ 7000	46.8 50.8	52.0 56.2	53.0 57.3	53.6 58.1	53.9 58.4	54.2 58.7	55.2 60.2	55.4	55.5	56.4	57.6	58.0 63.1	58,3 63,4	58.3	54.6 63.7	59.2
≥ 6000 ≥ 5000	53.0 56.5	59.2	60.6	67.0	67.5	67.8	69.5	69.9	70.0	71.4	72.5	67.0	67.3 73.7	67.3	74.0	74.7
≥ 4500 ≥ 4000	56.7	66.8	66.5	70.8	68.3 71.8	68.6 72.1	70.2	70.6	70.8	72.1 75.9	73.3 77.1	73.7	74.4	74.4 78.3	74.7 78.6	75.5
≥ 3500 ≥ 3000	38.7	68.4	70.5	71.5	72.7	73.1 75.2	74.9	75.5 78.7	75.6	76.9	76.1 81.9	70.6	79.4	79,4	79.7 83.6	84.7
≥ 2500 ≥ 2000	59.2 59.8	69.2	72.4	74.0	75.6	76.7	79.9 81.5	80.9	81.1 83.1	83.3	86.6	84.9	85,8	85.8	86.0 89.1	90.3
≥ 1800 ≥ 1500	59.8 59.9	70.8	73.6	75.2	76.8	77.8	81.5 83.1	83.0	83.1	87.4	88.3	87.8	90.2	90.7	91.0	90.6
≥ 1200 ≥ 1000	59.9	70.8	74.6	76.2	78.0	79.0 80.0		84.9	85.0	87.7	90.9	91.9	90.7	91.0	91.3	94.9
≥ 900 ≥ 800	59.9	71.4	75.2	76.8	79.0	80.0	84.9	86.5	86.6	89.7	90.9	91,9 92,1 92,4	93.2	93,4	93.7	95.0
≥ 700 ≥ 600 ≥ 500	59.9 59.9	71.4 71.7 71.7	75.2 75.5 75.5	76.8	79.0 79.3 79.3	80.3	85.0 85.3	86.6 86.9	86.8 87.1	90.2 90.6	91.8	92.8	93.7 94.1 94.9	94.0	94.7	96.0
≥ 400 ≥ 300	50.9	71.7	75.5	77.1	79.3	80.3	85.3	86.9	87.1	91.0	92.2	93.4	94.9	95.2	95.7	97.2
≥ 200	59.9	71.7	75.5	77.1	79.3	80.3	85.3	86.9	87.1	91.2	92.4	93.4	95.0	95.3	95.7	97.8
≥ 100 ≥ 0	59.9		73.5	77.1	79.3	80.3 80.3	85,3	86.9	67.1	91.2	92.4	93,4	95.0	95.3	(100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION STAC, USAF ASHVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16643 FRUBISHER RAY HAT DUT APT

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							٧	ISIBILITY IST	ATUTE MILE	S.						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'.2	≥ 2	≥ 11/2	≥ 1'4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5;16	≥ %	≥ 0
NO CEILIN ≥ 20000	G 47.1	52.5	53.2	53.4	53.8 54.3	53.8	54.3 54.8	54.6	55.1	56.2	57.1 57.5	57.2 57.7	58.3 58.8	58.3 58.8	58.3	58.6 59.1
≥ 18000 ≥ 16000	47.2	52.6 52.9	53.4	53.5	54.3	54.3 54.6	54.8 55.1	55.1 55.4	55.5 55.8	56.6	57.5 57.8	57.7 58.0	58.8 59.1	58.8 59.1	58.8 59.1	59.1
≥ 14000 ≥ 12000	48.8	54.2	54.9	55.1 56.2	55.8 56.9	55.8 56.9	56.3 57.4	56.6 57.7	57.1 58.2	58.2 59.2	59.1	59.2 60.3	60.3	60.3	60.3	60.6
≥ 10000 ≥ 9000	50.5 50.5	55,8 55,8	56.6 56.6	56.8 56.8	57.7 57.7	57.7 57.7	58.7 58.2	58.5 58.5	58.9 58.9	60.0	60.9	61.1	62.2	62.2	62.2	62.5
≥ 8000 ≥ 7000	51.8 52.8	57.7 58.9	58.5 59.7	58,9 60.2	59.8 01.1	59.8 61.1	60.5	62.3	61.2	62.3	63.2 64.8	63.7	66.5	64.9	66.5	65.2
≥ 6000 ≥ 5000	34.8 39.3	51.4	62,3	67.1	63.7	63.7	69.6	64.9	70.2	66.5 71.2	72.2	67.8	69.1 74.3	74.4	14.3	74.8
≥ 4500 ≥ 4000	59.8 61.2	67.2	70.9	71.4	70.0 72.6	70.3	71.7	72.0	72.5	73.5	74.5	74.9	76.6 79.8	79.6	76.6	77.1 80.3
≥ 3500 ≥ 3000	63.4	70.9	72.8	73.2	74.6	74.9	76.6	77.2 80.0	77.7 80.5	78.9	79.8 82.8	80.3 83.2	82.3	82.3	85.4	82.8
≥ 2500 ≥ 2000	64.2	73.4	75.4	76.3	79.7	78.6	82.2	81.4	81.8	83.4	84.5	84.9	87.2 89.7	87.2 90.0	90.2	90.6
≥ 1800 ≥ 1500	64.2	74.3	76.5	77.5 78.5	79.7 81.1	80.0	82.2	83.1	83.7	85.2	86.6	87.2	89,7 92,3	90.0	90.2	93.2
≥ 1200 ≥ 1000	64.3	74.8	77.7	78.5 78.9	81.1 87.2	81.5 82.6	85.7	85.4	87.4	57.6 89.7	89.2 91.1	91.7	92.3	94.6	92,8 94,8	93.2
≥ 900 ≥ 800	04.3 04.3	75.1 75.1	77.7	78.9 78.9 78.9	82.2 82.2	82.6 82.6	85.8 85.8	86.9 86.9 87.2	87.5 87.5 87.8	89.8	91.2	91.8	94.5	94.9	94.9 95.1 95.4	95.8
≥ 700 ≥ 600 ≥ 500	64.3	75.1	77,7	78.9	82.2	82.6	85,8	67.2 87.2	87.8 87.8	90.2	91.5	92.2	94.8	95.7	95.4	95.8
≥ 400 ≥ 300	04.3	75.1 75.1	77,7	78.9	82,2	82.6	85.8	87.2	87.8	90.2 90.2 90.2	91.5	92.2	95.2	95.7	95.8	96.3
≥ 200	04.3	73.1	77.7	78.9	82.2	82.6	85.8	87.2 87.2	87.8	90-2	91.5	92.2	95.2	95.7	95.8	96.3
≥ 0	04.3	75.1	77.7	78.9	82.2	82.6	85.8	87.2	87.0	90.2	91.5	92.2	95.2	93.7		100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION FIAC, USAF ASHEVILLE, N. C. 28831

CEILING VERSUS VISIBILITY

LOGUE FRENTSHER SAY NWT CHT APT 43-46-48-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-310043400

CEILING							V	SIBILITY (ST	ATUTE MILE	S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.4 47.7	51.6	52.8 53.2	54.0	54.0 54.3	54.0	55.5 55.9	56.0 56.4	56.0 56.4	56.4	56.7 57.1	56.9	58.6	58.3 58.6	58.4	38.9
≥ 18000 ≥ 16000	47.7	52.0	53.2 53.5	54.3	54.3	54.3	55.9	56.4	56.4 56.7	56.7 57.1	57.1 57.4	57.2 57.6	58.6 58.9	58.6 58.9	58.8 59.1	59.6
≥ 14000 ≥ 12000	49.2 50.8	53.5	54.7	55.9	55,9	55.9 57.4	57.4	57.9 59.5	57.9	58.3	58,6	58.8	60.1 61.7	60.1	60.3	60.6
≥ 10000 ≥ 9000	51.3 51.6	55.5	56.7 57.1	57.9 58.3	57.9 58.3	57.9 58.3	59.5	60.0	60.0	60.3	60.6	60.8	62.2	62.2	02.4 62.7	63.2
≥ 8000 ≥ 7000	53.3 54.0	58.3	59.6 60.8	60.8	60.8	62.0	62.4	62.9	62.9	64.9	63.5	65.4	65.1	67.1	65.2	67.8
≥ 6000 ≥ 5000	56.4	66.5	63.9	65.4	69.6	69.8	67.3	68.1 74.6	68 · 1 72 · 6	68.7	73.4	69.2 73.6	70.9 75.8	70.9 75.8	71.0 74.0	71.6
≥ 4500 ≥ 4000	62.2	71.6	70.4	71.9	72.1 75.0	72.1	74.1	75.1	75.1 78.4	75.6 78.9	76.0 79.2	76.1	78.4 81.8	78.4 81.8	78.5	79.0 82.5
≥ 3500 ≥ 3000	62.9 84.4	72.6	74.3 76.5	76.0 78.2	76.1 78.7	76 · 1 78 · 7	78.7 81.6	79.7 82.6	79.7 82.6	80.9	81.3	81.4	84.0 87.1	84.0 87.1	84.2 87.2	84.7
≥ 2500 ≥ 2000	64.7	75.8	78.0 78.7	79.7	80.4 51.1	80.4	83.6	84.7	84.7	86.0	86.4	86.5	89.1	89.1	89.3 91.3	89.6
≥ 1800 ≥ 1500	65.4	76.7 70.8	78.9 79.0	80.6 81.1	81.3 81.8	81.3	85.0	86.0	86.0 87.4	87.6 89.1	87.9 89.4	88.1	90.B	90.8 92.3	91.5	92.0
≥ 1200 ≥ 1000	65.4	76.8 76.8	79.0	81.1	81.8	81.9	86.5	87.6 87.6	87.6	89.3	89.6	89.8 90.1	92.5	92.5 92.8	93.2	93.7
≥ 900 ≥ 800	65.4	76.8	79.0	81.1 81.4	81.8	81.9	86.5	87.6	87.6 87.9	89.6	89.9 90.3	90.1	92.5		93.9	94.0
≥ 700 ≥ 600	65.8 65.8	77.2 77.2	79,4	61.4 81.4	82.1 82.1	62.3	86.9	88.2 88.2	88.2	90.3	90.6	90.8	93.5	93.5	94.2	94.7
≥ 500 ≥ 400	65.8 65.8	77.2	79.4	81.4 81.4	82.1 82.1	82.3	86.9	88.2	58.2 88.2	91.3	91.7	91.8	94.7	94.7	95.4	95.9
≥ 300 ≥ 200	65,8	77.2	79.4	81.4	52.1 52.1	82.3	86.9	88.2	88.2	91.3	91.7	91.8	94.7	94.7	95.4	95.9
≥ 100 ≥ 0	65.8	77.2	79.4	81.4	82.1 82.1	82.3	86,9	88.2	88.2	91.3	91.7	71.8 71.5	94.7	94.7	95.4	95.9

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAL, USAF ASHEVILLE, 4. C. 28601

CEILING VERSUS VISIBILITY

166.3 FRUMISHER MAY MUT DUT APT

монтн

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0200-0200

CEIUNG							v	ISIBILITY (ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2⅓	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.4 53.7	55.6 57.7	56.9	57.1	58.1	58.2	59.2	59.2	59.2	50.7	61.0	61.0	61.0	61.0	01.8	64.6
≥ 18000 ≥ 16000	33.7	57.7 57.7	59.2	59.4 59.4	60.3	60.5	61.4	51.4	61.4	63.1	63.5	63,5	63.5	63.5	64.2	64.2
≥ 14000 ≥ 12000	53.9	57.9 59.4	59.4	59.6	60.5	60.7	61.6	61.6	61.6	63.3	63.7	63.7	63.9	63.9	64.6	64.6
≥ 10000 ≥ 9000	55.8	60.3	62.2	62.4	63.5	63.7	64.6	64.6 64.8	64.6	66.3	66.7	66.7	66.9	66,9	67.6	67.6
≥ 8000 ≥ 7000	55.8 57.3	60.5	62.9	63.3	64.2	64.4	65.5	69.1	65.5	70.8	67.6	67.6	67.8 71.5	67.8 71.5	72.3	72.3
≥ 6000 ≥ 5000	39.4	67.2	71.9	70.0	71.7	71.9	73.2	73.2	73.2	74.9	75.3 79.0	75.3 79.0	75.7	75.7	70.4	76.4
≥ 4500 ≥ 4000	59.9	67.2	71.9 72.8	73.8	75.7	75.8	77.2	77.2	77.2	78.8 81a1	79.2	79.2	79.8 82.0	79.8	80.5	80.5
≥ 3500 ≥ 3000	01.4	70.2	74.3 75.5	76.6	80.5	79.2 80.7	81.1	83.1	81.1	83.1	83.5	83.5	84.1	86.3	84.8	87.1
≥ 2500 ≥ 2000	62.7	72.3	77.5 78.8	80.3	84.8	84.1	86.5	88.6	86.7	91.0	89,1	89.1 91.6	92.1	89.9 92.1	90.5	93.1
≥ 1800 ≥ 1500	03.5	72.5	79.6	82.4	85.2	86.7	89.8 89.3	89.0	89.0	91.4	91.8	91.8	92.5 93.1	93.5	93.3	94.0
≥ 1200 ≥ 1000	03.9	73.0	79.8	83.3	87.3	86.9	90.8	91.0	91.0	92.1	94.0	94.0	93.3	93.3	94.0	94.2
≥ 900 ≥ 800	03.9	73.4	80.1 80.1	83.3	87.3	88.2	90.8	91.0	91.0	93.6 93.8	94.0	94.0	95.2	95.5	95.5 96.3	96.4
≥ 700 ≥ 600	63.9	73.4	80.1	83.3	87.3	88.2	90.8	91.0	91.0	93.8	94.6	94.6	95.7	96.1	97.0	96.8 97.2
≥ 500 ≥ 400	63.9	73.4	80.1	83.3	87.3 87.3	88.2	90.8	91.0	91.0	93.8 93.8	94.6	94.6	96.1 96.1	96.1	97.0	97.2
≥ 300	63.9	73.4	80.1 60.1	83.3	87.2	88.2	90.8	91.0	91.0	93.8	94.6	94.0	96.1 96.1	96.1 96.1	97.0	97.2
≥ 100 ≥ 0	63,9		80.1	83.3	87,3	88,2	90.8	91.0	91.0	93,8	94.6	94.0	96.3	96.3		100.0

TOTAL NUMBER OF OBSERVATIONS....

534

RATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, 4. C. 28801

CEILING VERSUS VISIBILITY

16603 ENURSSIER BAY MAT OUT ANT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_c300~0200

CEILING							٧	ISIBILITY IST	ATUTE MILE	S ₁						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	20.3 50.9	53.8	54.0	54.8	55,6	55.6	58.1	58.3 59.8	58.3	59.3	59.8 61.4	59.8	60.4 62.0	60.4	60.4	60.4
≥ 18000 ≥ 16000	30.9	54.8 54.4	55.0	55.9	57.1	57.1	59.6	59.8	59.8 59.8	60.8 60.8	61.4	61.4	62.0		62.0	62.0
≥ 14000 ≥ 12000	50.9	54.8 55.9	55.0	55.9	57.1 55.7	57.1 58.7	59,6	59.8	59.6	60.8	61.4	61.4	62.0	62.0	62.0	62.0
≥ 10000 ≥ 9000	52.6 53.0	57.1 57.7	57.3 57.9	58.3	59.8	59.8	62.4	62.6	62.6	63.5	64.1	64.1	64.7	64.7	65.3	64.7
≥ 8000 ≥ 7000	53.6 55.4	58.9 61.0	59.5 62.8	60.4	62.0	62.0	68.0	64.7	64.7	69.4	66 • 3 70 • U	70.0	70.6		70.6	70.6
≥ 6000 ≥ 5000	56.5	62.2	68.0	65.5	67,6 71.7	71.7	70.2	70.4	70.4	71.5 75.8	72.1	72.1	77.0	72.7	72.7	72.7
≥ 4500 ≥ 4000	>8 • 1 >8 • 5	66.1	70.0	70.0	72.9	72.9	75.6	78.0	75.8	77.0	77.6 80.3	77.6 80.3	78.2	78.2	78.2 80.9	78.2
≥ 3500 ≥ 3000	58.7 59.6	69.0	71.2	72.9	76.6	79.5	79.5	79.7 82.7	79.7	84.4	82.1	82.1	82.7	82.7	82.7 86.0	80.0
≥ 2500	00.2	70.6	74.9	77.4 80.1	81.9 84.6	81.9	85.4	85.6	85.6	90.0	91.4	91.4	92.2	92.2	92.2	92.2
≥ 1800 ≥ 1500	01.4	72.3	77.8	80.3	84.8	86.0	89.7	39.9	88.9	90.8	91.6	93.4	94.2	94.2	94.2	92.4
≥ 1200	01.4	72.3	77.8 77,8	81.3	85.8	96.9	91.0	91.4	91.4	92.6	93.4	93.4	96.3	94.2	94.2	94.2
≥ 900 ≥ 800	01.4	72.3	77.8	81.3	86.7	86.9	91.2	91.4	91.4 91.4	94,2	7	95.5	96.9	96,3	96.5	97.1
≥ 700 ≥ 600	61.4 61.4	72.5	78.0	81.5	86.9	87.1 87.1	91.2	91.6	9100	74.9	95.	95.9	96.9 96.9	96.9	97.5	97.3
≥ 500 ≥ 400 ≥ 300	61.4	72.5 72.5	78.0	81.5	86,9 86,9	87.1 87.1	91.2	91.6	91.6	94.9	95.9 95.9	96.1	97.1 97.1	97.1 97.1 97.1	97.7 97.7	97.7
≥ 200	01.4	72.5	78.0	81.2	80.9 86.9	87.1	91.2	91.6	91.6	94.9	95.9	96.1 96.1	97.1	97.1 97.1	97.7	97.7
≥ 100	01.4	72.3	78.0		86.9	87.1	91.2	91.6	91.6		95,9	90.1	97.3			100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION FTAC, USAF ASMEVILLE, ... C. 28HO1

CEILING VERSUS VISIBILITY

16611 FRUKISHER MAY NOT BUT APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

᠆᠐ᡩᢔᡠᢆ᠆᠙ᠰᢃ᠐

CEILING							v	SIBILITY (ST	ATUTE MILE	Sı						
FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.4	42.6	44.0	44.9	43.7	45.9	46.6	46.8 47.5	46.8	47.1	47.6	47.0	47.6 68.3	47.6	47.8	47.0
≥ 18000 ≥ 16000	39.6	42.8	44.3	45.4	45.4	40.0	47.3	47.5	47.5	47.8	48.3	48,3 48,3	48.3	48.3 48.3	48.5	48.5
≥ 14000 ≥ 12000	40.3	44.0	45.2	40.2	47.3	47.5	48.3	45.5	48.5	48.9	49.4	49.4	49.4 50.3	49.4 50.3	49.6	49.6
≥ 10000 ≥ 9000	42.4	45.9	47.5	48.5 50.6	49.7	49.9	51.0 53.1	51.1 53.2	51.1 53.2	51.5 53.6	52.0 54.1	52.0 54.1	52.0 54.1	52.0 54.1	52.2 54.3	52.2 59.3
≥ 8000 ≥ 7000	44.5	49.0 52.0	50.8	52.0	53.2 56.2	53.4	54.5	54.6 57.6	54.6 57.6	55.0 58.1	38.6	55.5 50.6	55.5 58.6	55.5 58.6	55.7	55.7
≥ 6000 ≥ 5000	30.1 31.5	59.0	58.5	59.7 63.2	61.3	63.3	66.7	62.7	62.7	63.2	63.7	63.7 68.1	63,7 66,1	68.1	68.2	63.9
≥ 4500 ≥ 4000	51.8 52.4	59.7	62.5	66.5	66.1	69.6	67.7	71.9	68.1 71.9	72.8	73.3	73.4	69.1 73.5	73.5	73.5	73.0
≥ 3500 ≥ 3000	52.9 55.8	61.8	70.2	72.6	70.7	70.9	73.1	73.5	73.5	74.3	74.9 82.0	74.9	75.0	75.0 82.2	75.2	75.2 82.4
≥ 2500 ≥ 2000	56.7	70.9	73.1 76.4	75.9	83.8	84.3	88.1	84.3	84.5	90.6	91.6	91.0	91.8		92.0	92.0
≥ 1800 ≥ 1500	59.2 59.3	71.0	70.6	79.4 80.5	43.9	84.5	90.1	90.0	90.9	90.8	93.7	91.8	92,0 93.9		94.1	94.1
≥ 1200 ≥ 1000	59.3	71.4	77.5	80.6 80.8	85.9	85.9	90.2	90.8	91.1	92.8	96.3	96.3	94.1	94.1	94.2	74.2
≥ 900 ≥ 800	59.3	71.4	77.5	80.8	65.9	86.4	91.4	92.0	92.5	94.9	96.3	96.3	96.7	96.7	96.9	96.9
≥ 700 ≥ 600	59,3 29,3	71.4	77.5	80.8	85,9	86.4	91.4	92.0	92.5	94.9	96.3	96.3	96.7	96.7	96.9	96.9 97.0
≥ 500 ≥ 400	57.3 59.3	71.4	77.5 77.5	80.8 80.8	85.9	86.4	91.4	92.0	92.5 92.5	94.9	96.3 96.3	96.3	96.7	96.7	97.6 97.6	97.7
≥ 300 ≥ 200	59.3	71.4 71.4	77.5	80.8 80.8	85.9	56.4 56.4	91.4	92.0	92.5	94.9	96.3	96.3	96.7	96.7	97.6	97.9
≥ 100 ≥ 0	59,3	71.4	77.5	80.6	85,9	86.4	91.4	92.0		_ ' ' ' '		96.3	96.9		- 1	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING DIVINION FTAC, USAF ASHEVILLE, A. C. 28801

CEILING VERSUS VISIBILITY

16641 ERURISTER BAY SET DET AFT 43-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0360-1100

CERUNG							٧	SIBILITY ST	ATUTE MILE	S:	-					
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5,8	≥ '3	≥ 5, 16	≥ '4	≥ 0
NO CEILING ≥ 20000	33.1	38.9	39.6	40.3	41.1	41.1	41.4	41.4	41.7	42.5	43.1	43.1	43.5		44.0	44.0
≥ 18000 ≥ 16000	30.4	40.6	41.3	42.1	43.0	43,1	43.6	43.6	44.1	44.8	45.3	45.3	45.6	43.6	46.1	40.1
≥ 14000 ≥ 12000	37.1 39.8	43.5	44.1	45.0	45,8	46.0	46.5	40.5	47.0 47.8	47.7	48,2	40.2	48.5	48.5	50.0	49.0
≥ 10000 ≥ 9000	42.1	47.0	48.0	48.8	>0.0 >0.8	50.2 51.0	50.7	50.7	51.2	52.0 52.9	52.5	52.5 53.6	52.9 53.7	52.9	53.4	53.4
≥ 8000 ≥ 7000	44.1	49.8	51.0 53.5	51.8	53.2 55.9	53.4	54.0	54.2	54.7 57.4	55.5	56.0 58.7	56.0 58.7	56.4 59.1	56.4 59.1	56.9	56.9
≥ 6000 ≥ 5000	49.5	54.4	56.2	57.4	59.2	59.7	60.4	60.6	61.2	62.1	66.1	62.6	62.9	66.4	63.4	63.6
≥ 4500 ≥ 4000	50.2	57.9	60.1 62.8	61.4	63.8	64.4	65.3 68.8	65.4	66.1	71.1	67.6	67.6	68.0 72.0	58.0 72.0	72.5	72.7
≥ 3500 ≥ 3000	52.0 54.7	61.7	64.6		75.3	70.0	71.5 78.5	72.0	72.8	74.2	74.8	74.8	75.2 82.6	75.2 82.6	75.7	75.8 83.2
≥ 2500 ≥ 2000	55.7 58.1	57.1 70.0	70.6 73.7	72.5	77.3	78.5	80.7	81.5	82.6	84.1	85.1 90.8	85.1 90.8	85.4 91.1	85.4 91.1	91.6	86.1 91.8
≥ 1800 ≥ 1500	58.4 58.6	70.3	74.0	76.3	81.9	84.4	85.9	86.9	88.1 90.3	90 · 1 92 · 6	91.4	91.4	91.8	91.8 94.3	92.3	92.4
≥ 1200 ≥ 1000	58.6	70.6	74.8	77.2	63.1	84.4 84.7	67.4 67.9	89.1	90.3	92.6	94.0	94.0	94.3		94.8	95.0
≥ 900 ≥ 800	58.6 58.6	70.6	74.8 74.8	77.3	83.4	84,7	87.9	90.3	90.9	93.6	95.3	95.3	95.6	95.6	96.1	96.8
≥ 700 ≥ 600	58.6 58.6	70.6	74.8 74.8	77.3	83.6		88.4	90.3	91.4	94.1	95,8	95.8 96.0	96.1 96.3	96.1	96.6	96.8
≥ 500 ≥ 400	58.6 58.6	70.6		77.3		85.2	65.4 68.4	90.4		94.3	96.0 96.0	96.0	96.3 96.3		97.0	97.3
≥ 300 ≥ 200	58.6 58.6	74.6	. •	77.3	83.6	85.2	88.4	90.4	91.6	94.3	96.0	96.0	96.3		97.0	
≥ 100 ≥ 0	58.6	70.6	1	77.3	83.6	85.2	88.4 88.4	90.4 90.4	91.6 91.6	94.3	96.0 96.0		96.3			97.7

TOTAL NUMBER OF OBSERVATIONS____

PATA PROCESSING GIVISION FTAC, COAP ASMEDILLE, N. C. 28601

CEILING VERSUS VISIBILITY

STATION THE STATION THAT

-1200 1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V	ISIBILITY :ST.	ATUTE MILE	S)		•				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5, 16	≥ %	≥ 0
NO CEILING ≥ 20000	34.8 37.3	38.0	38.2	36.7	39.0	39.5	40.0	40.0	40.5	41.1 45.5	41.2	41.2		42.1	42.4	42.5
≥ 18000 ≥ 16000	37.3	40.9	41.2	42.1	43.4	44.0	44.5	44.5	45.0	45.5	45.7	45.7 45.7	46.5	46.5	46.8	47.0
≥ 14000 ≥ 12000	39.4	42.1	42.4	43.4	44.8	45.3 46.8	45.8	45.8	46.3	46.8	47.0	47.0	47.9	47.9	48.2	49.4
≥ 10000 ≥ 9000	43.8	44.7 50.4	50.4 50.9	51.4 52.0	53.0 53.5	53.5	54.2 54.7	54.2	54.7 55.2	55.2 55.7	55.5 56.0	55.5 56.0	56.4 56.9	56.4 56.9	56.7 57.2	56.9 57.6
≥ 8000 ≥ 7000	46.0 48.4	52.0 54.5		53.7 56.4	55.2 57.9	55.7 56.4		59.3	56.9 59.8	57.4	57,8		61.5		58.9 61.8	59 · 1 62 · 2
≥ 6000 ≥ 5000	50.9 51.6	58.6 59.3		62.7	63.5		67.5	67.5	68.0	58.7	66.8		70.2	70.2	70.7	
≥ 4500 ≥ 4000	52.1 53.3	52.2	64.6		66.4	67.0	72.1	72.7	73.3	70.4 74.1	71.0 75.3	71.0 75.3	70.5	76.5	77.0	72.7
≥ 3500 ≥ 3000	54.3 56.2		68.5	70.5	70.9	71.7		78.2	78.7	79.9		81.8	82.8	78.9 82.8	79,4	79.7
≥ 2500 ≥ 2000	57.8 00.3	70.6	70.7	76.8	76.1	77.3 81.3	84.0	85.5	81.8 86.2	88.1	89.8	84.8	91.1	91.3	91.7	92.2
≥ 1800 ≥ 1500	60.3	70.2		77.5	80.1 80.7			86.2	86.2		90.6	90.8		92.2	91.3	
≥ 1200 ≥ 1000	00.3 00.3	70.7		77.7	80.7	,		86.5		90.3	92.0	92.3		94.2	92.8	95.1
≥ 900 ≥ 800	60.3 60.3	70.7	75.3	77.7	80.9 80.9		85.0	86.5	87.4	90.3	92.0	92.3	94.4	94.5	94.7 95.1	95.1
≥ 700 ≥ 600	60.3	70.7	75.3	77.7	80.9	82.1		86,5	67.4	90.3	92.2	92.5	94.4	94.7	95.2	95.6
≥ 500 ≥ 400	60.3	70.7		77.7	80.9	82.1		86.5	87.4		92,3	96.7		95,1	95.6 95.9	
≥ 300 ≥ 200	60.3	70.7	75.3	77,7	80.9	RZel	85.0	86.5	87.4	90.6	92.3	92.7	95.2	95.6	96.4	90.9
≥ 100 ≥ 0	60.3	70.7			80.9 80.9	82.1 82.1		86.5			92.3 92.3				90.4	

TOTAL NUMBER OF OBSERVATIONS 587

SATA PROCESSING STVEST SEFTAGE USAF ASHEVILLES No. C. 28601

CEILING VERSUS VISIBILITY

LEWIN STATION NAME

монтн

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1500-1700

CE L NO	VISIBILITY STATUTE MILES;														}	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5,8	≥ ½	≥ 5, 16	≥ 14	≥ 0
NO CEIUNG ≥ 20000		42.7	43.4	43.7	44.4	44.4	45.1	45.7	45.9		47.4	47.4	47.6	47.6	47.6	47.8
≥ 18000 ≥ 16000	41.2	45.2	46.1	47.1	47.8	47.8	49.0		49.8 50.2		51.4	51.4 51.7	51.5 51.9	51.5	51.5	52.0
≥ 14000 ≥ 12000	41.8	46.1	47.4	48.5	47.1 51.7	43.1	50.3 52.9	51.0 53.6		54.9	52.7 55.3	52.7	52.9 55.4	52.9	52.9	55.0
≥ 10000 ≥ 9000	45.4	51.4 51.5	53.6	54.8 55.1	55.6 56.0	55.6	56.8 57.1	1	58.0		59.5	59.5 59.9	59.7	59.7 60.0	59.7	59.9
≥ 8000 ≥ 7000	48,8 50.2	53.4	56.3 58.0	57.5	58.7	58.7	59.9	66.9	61.1	62.2	64.5		62.8	62.6	62.A	62.9
≥ 6000 ≥ 5000	23.1	61.1	62.8	64.5	68.0	66.3	67.7	70.7		72.3	70.6	/	70.7	70.7	70.9	71.1
≥ 4500 ≥ 4000	53.4 55.1	63.1	63.9	68.7	71.6	71.6	70.2	71.0		77.2	73.8	73.8	74.7	74.7	75.0	75.2 30.1
≥ 3500 ≥ 3000	56.0 58.7	66.5	70.1	73.3	72.8	72.6	74.8 75.4		77.0	82.1	79.8 63.3	93.3	84.5	94.5		95.0
≥ 2500 ≥ 2000	59.9	70.5	71.3	76.4	77.7 81.5	77,7	80.1 83.8	81.8	82.3	87.5	85.2	85.2		90.8	91.2	87.1 91.3
≥ 1800 ≥ 1500	62.9	70.9	74.8			81.5	83.6 85.2	85.5 37.1	86.2	87.8	89.1 91.2	91.2	90.6	92.9	93.2	93.4
≥ 1200 ≥ 1000	62,9	72.3	75.9	80.3	83,5	82.7	86.2	87.1 88.1	87.8	91.0	91.2	91.2	92.7	92,9	95.4	93.4
≥ 900 ≥ 800	03.3	72.3	76.7	80.3	83,5	83.5 83.5	86.2	88.1	88.8	91.0	92.7	92.7	94.7	94.9	95.6	95.9
≥ 700 ≥ 600	03.3	74.3	76.7		83.5	83,5	86.2	88.1	88.8		92.7	92.7	94.7	94,9	95.6	75.9
≥ 500 ≥ 400	03.3	72.3	76.7				7		88.8		92.7		94.7			95.9
≥ 300 ≥ 200	03.3	740	76.7	80.3	43.5	83.5	86.2			91.0	92.7		94.7	94.9		96.3
≥ 100	73.3	72.3	76.7		83.5	83.5	86.2	88.1	88.8	91.0	92.7	92.7	95.2	75.4	96.4	90.8

TOTAL NUMBER OF OBSERVATIONS 205

DATA PROCESSING MIVISION ETAC, USAF ASHEVILLE, H. C. 28601

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 4WQ 72000

CELLING						 -	v	ISIBILITY IST	ATUTE MILE	S						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ %	≥ 0
NO CEIUNG ≥ 20000	47.9	51.4	53.0 55.1	53.7	55.1 57.7	55.1 57.7	55.4 58.0		55.7	56.1 58.7	57.1 59.8	57.1 59.8	57.d	57.4 60.d	27.8	57.8 60.8
≥ 18000 ≥ 16000	45.8 48.8	53.1	55.2 55.6	56.1 56.4	57.8 58.2	57.8 58.2	58.2 58.5	58.5 58.9	58.5 58.9	58.9 59.2	59.9	59.9	61.0	61.0	61.3	61.0
≥ 14000 ≥ 12000	47.5	54.2 55.7	56.6 58.2	57.5 59.1	59.2 50.8	59.2 60.8	59.6	59.9	•	60.3	62.9	61.3	62.4	62.4	02.4	62.4
≥ 10000 ≥ 9006	32.3 22.6	57.6 58.2	60.5 60.8	61.7	63.1	63.4	63.4	63.H	63.8	65.4	65.3	65.3	65.4	67.1	67.1	60.4
≥ 8000 ≥ 7000	36.0 36.1	50 • 1 63 • 6	62.7 66.6	63.9 67.8	65,7		70.6	66.6 70.9	70.9	71.6	72.8	72.8	69.5	69.5 73.9	73.7	73.9
≥ 6000 ≥ 5000	37.7 38.0	67.1	70.0		74.9	74.9	74.7		75.1 76.1	76.0 77.0	77.0	75.0	78.0	70.0	78.0	70.0 79.0
≥ 4500 ≥ 4000	56.2 59.2	67.2	71.1	72.8	75.1 16.8	75.1 76.8	76.5 78.2	76.8	76.8	77.7	78.7 81.5	78.7 81.5 82.9	80.3 83.1 84.5	80.3 83.1 84.5	33.3	93.3
≥ 3500 ≥ 3000 ≥ 25 00	62.0	69.7 71.3 72.5	73.7 75.3 76.8	75.6 77.2 78.7	78.2 79.8 81.4	78.2 79.8 81.4	79.6 81.2 62.8		80.5 82.6 84.1	81.9 84.0 85.5	82.9 85.0	85.0	86.6	86.6	86.8	84.7 86.6
≥ 2000 ≥ 1800	04.5	73.9		81.2					87.6 87.8	89.2	90.6		92.2	92.2	92.3	92.9
≥ 1500		74.0 74.0		81.2	83.8 83.8	83.8		88.2	88.2	89.5	91.1	91.1	92.7	92.7	93.0	92.9
≥ 900	64.6	74.4	79.4	B1.7	84.3	84.3	87.1	89.0	89.0	90.4	92.3	92.3	94.6	94.4	94.6	94.8
< 800 ≥ 700	04.6	74.4		81.7	84.3	84.3	87.1 87.1	89.0	89.0	90.6	92.5	92.5	94.6	94.6	96.9	95.6
2 600 ≥ 500	04.0	74.4	79.4	81.7	84.3	84.3	87.1	89.0	89.0	90.6	92.7	92.7	94.5	94.9	94.9	95.6
≥ 350	04.6	74,4	79.4	81.7	84.3	84.3	87.1	89.0	89.0	90.0	92.9		94.9	94,9	95.8	96.7
2 100	04.6	74.4	79,4	81.7 81.7	84.3	84.3	87.1	89.0	89.0	91.1	93.2	93.2	96.0	96.0	96.7	97.6
- o	64,6	74.4	79,4	91.7	84.3	84.3	87.1	89.0	89.0	91.1	93.2	93.2	96.0	96.0	90.7	100.0

TOTAL NUMBER OF OBSERVATIONS 574

DATA PROCESSING PIVISION ETAC, USAF ASHEVILLE, 1. C. 28mc1

CEILING VERSUS VISIBILITY

16607 FRIBISHER SAY SUT OUT APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-5100-5300

CEILING							V	ISIBILITY 'ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5.16	≥ 4	≥ 0
NO CEILING ≥ 20000	49.9 52.9	53.0	56.7 59.7					58.9	58.9	60.4	63.7	50.6 63.7		60.6		
≥ 18000 ≥ 16000	52.9	56.7	59.7			61.3	62.1	62.1	62.1	63.5	63.7	63.7	-		63.9	
≥ 14000 ≥ 12000	54.1 56.2	58.0	61.0 63.4	61.1		62.6	65.7	63.4	63.4	67.2	67.4	67.4	67.4	67.4	65.2	65,9
≥ 10000 ≥ 9000	57.3 57.6	61.1	64.5	64.8		66.9	67.6	67.8	67.5		69.4		69.4	69.4	68.9	69.6 70.3
≥ 8000 ≥ 7000	58.6 61.0	66.3		71.5	73.1	73.1	74.2		74.4	75.4		71.5	71.5 76.2	76.2	71.6	72.4
≥ 6000 ≥ 5000	62.6	58.5	74.6		75.5	77.3	78.5	78.6	78.6		80.3		78,6 81.4	81.4	61.8	82.5
≥ 4500 ≥ 4000	52.8 59.1	70.2	75.0 75.2	77.2				82.5	62.7			81.0				83.2
≥ 3500 ≥ 3000	65.7		78.3	79.4		83.2	84.9					87.7		88.6		88.8
≥ 2500 ≥ 2000	07.0 07.2			82.5			87.1 88.8			91.7	92.1		93.2	93.2		94.7
≥ 1800 ≥ 1500	67.4		81.0	82.7			88.8		90.4		92.0			93.7	93.4	75.2
≥ 1200				82.7		67.5	89.3	90.8			93.2		94.3		94.7	
≥ 900 ≥ 800		74.8	81.0	82.7		87.5	89.9	90.8	91.0		93.2	93.2		94.3	99.0	96.3
≥ 700 ≥ 600	67.4	73.0		82.7	87.1		89.9	90.8	91.0	92.8	93.4		94.5	94.5	75.2	96.5
≥ 500 ≥ 400		73.8		82.7				90.8	91.0	92.8	93.6		94.7	94.7		
≥ 300 ≥ 200	67.4		81.0	82.7	87.1	87.5	69.9	90.8	91.0	92.8		9000	94.8	94.7	95.6	97.4
≥ 100 ≥ 0				82.7							93.6	93.0		/	95.6	- 1

543 TOTAL NUMBER OF OBSERVATIONS

BATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

10003 EKCHISHER GAY NET DUT APT

42-40.48-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEIL NG							· ·	ISIBILITY IST	ATUTE MILE	S:	*					
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5 16	≥ '.	≥ 0
NO CEIUNG ≥ 20000	41.1	45.3		50.5	52.6 57.6	52.8 57.7	53.5	55.7 58.7	54.1 59.1	54.3 59.3	55,4		55.6 60.8	55.6 60.8	55.6	
≥ 18000 ≥ 16000	45.5	50.7 50.7	54.1 54.1	56.4	58.5 58.5	56.7 55.7	59.5 59.5	59.7 59.7	60.0	60.2	61.4	61.6	61.8	61.8	61.8	62.0
≥ 14000 ≥ 12000	45.5	56.7	54.1 55.3	50.4 57.6	55.5 59.8	58.7 60.0	59.5		60.0 62.0	60.2	61.4	61.6	63.7	61.8	63.7	63.9
≥ 10000 ≥ 9000	47.3	55.1 55.6	57.5 59.1	61.6	63.1	63.9	64.1	64.6	65.2	65.4 66.0	66.5	67.3	66.9	66.9	66.9	67.7
≥ 8000 ≥ 7000	52 • 2 53 • 7	57.9 60.4		63.7	66.0	66.2		67.7	68 • 1 71 • 5	68.3	69.4 72.8	73.0	69.8 73.2	73.2	73.2	70.0
≥ 6000 ≥ 5000	56.2 58.1	63.1		(72.3		73.8	74.6	75.1 78.2	75.3 78.4	76.5	76.7 79.7			79.9	77.1 80.1
≥ 4500 ≥ 4000	58.3 59.7	56.0	70.7 73.6		76.1 79.5	76.5	77.6	73.4	79.0	79.2 82.8		80.5 84.1	80.7 84.3		80.7	80.9
≥ 3500 ≥ 3000	61.4	70.4	75.7 75.3		82.6 83.2	83.2	64.3 65.1	85.1	85.7 86.4	85.9	87.0 88.0	58.1		• •		87.6
≥ 2500 ≥ 2000	63.7	72.5	77.8	50.9 82.4	85.3	85.9 88.3			92.2	99.3	93.9		90.8		90.8	91.0
≥ 1800 ≥ 1500	63.7	73.8	79.3		68.7		91.0 91.8	91.8		92.9	94.1 95.2	94.3	94.5		94.5	94.6
≥ 1200 ≥ 1000	63.7	73.8 73.8	79.3 79.3			89.7 89.7	92.4	93.7	94.3	94.8	96.0 96.6	97.1	96.6 97.5	97.5	97.5	96.9 97.9
≥ 900 ≥ 800	63.7	73.0 73.0	19.3 79.3	82.4	87.1 89.1	89.7	92.5	93.9	94.5	95.4	96.6	97.1 97.1	97.5	97.5	97.5	97.9
≥ 700 ≥ 600	63.7	73.6 73.8	79.3	82.4 82.4		89.7	92.5	94.1	94.6			97.1 97.3	97.5 97.7	97.5 97.7	97.5 97.7	97.9
≥ 500 ≥ 400	63.7	73.8	79,3				92.5			95.8		97.5		98.1	98.1	
≥ 300 ≥ 200	63.7	73.8	79.3 79.3	82.4	89.1 89.1		92.5 92.5	94.3	94.8	95.8	96.9	97.5		98.5	99.7	99.0
≥ 100 ≥ 0	03.7	73.8	79.3		89.1	89.7 89.7	92.5 92.5			95.8		97.5 97.5	98.5			99.0

TOTAL NUMBER OF OBSERVATIONS 523

MATA PROCESSING DIVISION ETAC, USAF ASMEDILLE, 1, C. 28001

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0260_60200

CELLING							· ·	ISIBILITY (ST	ATUTE MILE	:S1						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2⅓	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.0 43.3	45.7	48.4	49,8	51.4 55.9	51.6	52.4	53.7 58.3	53.7	54.1	55.3 59.8	55.3 59.6	55.9 60.4	55.9	55.9 60.4	50 • 1 60 • 6
≥ 18000 ≥ 16000	43.5	50.2	53.1 53.3	54.5	56.1	56.3	57.1 57.3	50.5 50.7	58.5	58.9 59.1	60.0 60.2	60.0 60.2	60.6		60.6	61.0
≥ 14000 ≥ 12000	44.1	51.0 53.0	53.9 55.9	55.3	56.9 58.9	57.1	57.9	59.3 61.8	59.3	59.6	60.3 63.4	60.8	61.4 64.0		66.0	61.6
≥ 10000 ≥ 9000	49.6	56.5	59.4	60.8	62.4	62.6	63.6	65.4	65.4	65.7	66.9 68.9	66.9 68.9	67.5	67.5	67.5 69.5	67.7
≥ 8000 ≥ 7000	53.3 55.9	60.4	63.4	64.8	66.3 70.3	66.5	67.5 71.5	69.3	69.3 73.2	69.7	70.9 74.8	70.9 74.8	71.5 75.4	71.5	75.4	71.7
≥ 6000 ≥ 5000	58.1	56.3 68.9	70.1 73.4	72.2	74.0	74.2	75.4 78.7	77.2 80.5	77.2 50.5	77.8	78.9 82.3	78.9	82.9	79.5 82.9	2.9	79.7
≥ 4500 ≥ 4000	60.6	69.3 70.9	74.0	76.4 78.0	76.1 80.7	78.3	79.5 82.3	84.1	81.3	86.5	85.0	83.1 86.0	86.6		80.6	
≥ 3500 ≥ 3000	64.2	73.6	78.3 79.3	82.1	85.4			89.4	89.4	90.2	90.2	90.2	92.3	90.7	90.7 92.3	92.5
≥ 2500 ≥ 2000	04.4	75.6	80.3	83.1	86.8		90.6	90.9	90.9	91.7	93.1	93.3		95.5	95.5	95.7
≥ 1800 ≥ 1500	65.2	76.6		83.7	88.0	89.6		93.9	92.5	93.3	96.1	94.9	95.5	96.9	96.9	97.0
≥ 1200	65.2	77.0				90.6	92.7		94.9	95.7	97.0 97.0		98.2	98.2	98.2	98.4
≥ 900 ≥ 800	05.2	77.0	81.7	84.5	89.8	90.6	93.1	94.9	95.3	95.7	97.0	97.2	98 6	98.6	98.6	98.8
≥ 700 ≥ 600	65.2 65.2		61.7	84.6	89.8	90.6	93.1	95.5	95.5 95.5	96.3	97.6			99.0	99.0	99.2
≥ 500 ≥ 400	65.2	77.0	81.7	84.6	89.8 69.8	90.6	93.1	95.5 95.5	95.5 95.5	96.3	97.6	97.8	98,8	99,0	99.0	99.2
≥ 300 ≥ 200	65.2	77.0	81.7	84.6	89.8	90.6		95.5	93.5	96.3	97.6	97.0	99.2	99.4	99.4	99.6
≥ 100		77.0	81.7		89.8		93.1					97,8				100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16613 FRITHISHER HAY HAT CUT APT 42-46,48-50

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIMING							v	ISIBILITY ST	ATUTE MILE	S.						
FEET	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 172	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	33.7	37.7	38.2	38.7	39.1	39.2	39.7	40.7	40.7	41.2	41.2	41.2	42.1	42.4	42.7	43.1
≥ 18000 ≥ 16000	37.4	41.8	42.6	43.0	44.3	44.4	44.9	40.0	46.0	46.8	47.0	47.0	47.8	48.1	49.7	48.8
≥ 14000 ≥ 12000	38.7	43.3	44.1	45.3	46.0 48.8	46.1	46.6	47.8	47.8 50.7	48.7	48.8 51.7	48.8	49.7 52.5	50.0 52.9	50.5	50 · 7
≥ 10000 ≥ 9000	43.3	46.1	49.0	50.2	50.8 52.2	51.2 52.5	51.7	53.0 54.4	53.0	54.0 55.4	54.2 55.6	54.2	55.1 56.4	55.4 56.7	55.9 57.2	50 · 1
≥ 8000 ≥ 7000	47.3 50.0	52.7 55.7	54.0 57.2	55.2 58.6	55.9 59.8	56.2 60.3	56,7	58 - 1 62 - 1	58.1	59.1 63.1	59.3 63.3	59.j	60.1 64.1	60.4	60.9	61.1
≥ 6000 ≥ 5000	54,5	61.1	63.0	64.5	70.7	67.0	67.5	73.2	69.4 73.6	70.5	70.7	70.7	71.5	71.9 76.1	72.4	72.6
≥ 4500 ≥ 4000	57.9	69.0	67.3	73.6	71.5 76.9	72.1	72.9 78.6	74.6	74.9	76.3	76,4 82.2	76.4	77.3 83.0	77.6 83.3	83.8	76.5
≥ 3500 ≥ 3000	62.1	71.5	74.2 75.6	76.3 77.6	79.8	80.3	81.8	83.7	84.0	85.4 87.4	87.5	85.5	86.4 88.4	86.7	87.2	89.7
≥ 2500 ≥ 2000	63.3	73.2	76.4	78.6	82.5	84.5	85.2 86.7	87.2 88.7	87.3 89.1	91.1	89.2 91.2	91.2	90.1 92.1	90.4	90.9 92.9	91.4
≥ 1800 ≥ 1500	63.3	73.0	77.1	79.3 79.5	84.5	84.5	86.7 87.5	88.7	89.1 89.9	91.1	91.2	91.2	92.1	92.4	92.9	94.6
≥ 1200 ≥ 1000	63.3	73.0	77.6	79.6	84.7 85.2	85.2	87.7	91.4	90.1	92.4	97.6	92.6	97.0		94.3	94.8
≥ 900 ≥ 800	63.3	73.6	77.6	79.0	85.2	85.9	89.4	91.6	92.1	96.0	96.3	96.3	97.3	97.5	98.0	98.5
≥ 700 ≥ 600	03.3	73.6	77.6		85.2	85.9	89.4		92.1	96.1	96.5	96.5	97.3	97.6	98.1	98.7
≥ 500 ≥ 400	63,3	73.6	77,6	79.8	85.2	85,9	89.6	91.8	92.3	96.3	96.6	96.6	97.6	98.0	98.5	99.2
≥ 300 ≥ 200	03.3	73.6	77.6	79.8	85.2	85.9	89.6	91.8	92.3	96.3	96.6	90.6		98.3	98.8	99.2
≥ 100 ≥ 0	03.3	73.6	77.6	79.8	85.2	85.9	89.9		92.6	96.6	97.0 97.0					99.5

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

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CEILING VERSUS VISIBILITY

16677 FILLESHER MAY STATION MANE ANT 42-46,48-50 PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

-0260 m1400

CEILING								ISIBILITY IST	ATUTE MILE	ES;						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1⁄3	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	34.1 40.5	37.1	37.8	38.8	37.5	39.5	40.1	40.3	40.3	40.6	40.8 48.7	40.8	41.1	41.1	42.0	42.3
≥ 18000 ≥ 16000	41.0	44.0	45.2	46.5	47.6	47.6	48.6	48.7	48.7	49.1	49.2	49.4	50.1	50 · 1	57.9	51.3
≥ 14000 ≥ 12000	41.5	45.4	46.5	48.1	49.1	49.1 51.6	50.3	50.4	50.4 53.1	50.8 52.5	50.9 53.0	51.1	51.8	51.8	52.6	53.0 53.8
≥ 10000 ≥ 9000	46.0	50.3 51.6	51.4 52.8	53.0	54.1 55.5	54.3	55.8 57.2	56.0	56.0	56.5 57.8	57.0	57.2 58.5	57.8 59.2	57.8 59.2	58.7	
≥ 8000 ≥ 7000	49.4	53.6	55.0 57.8	56.7	57.8	58.2	59.7	59.9	59.9	60.4	60.9	61.0	66.1	61.7	62.6	
≥ 6000 ≥ 5000	54.6 57.0	59.9	61.4	64.1	65.9	56.3 70.2	68.3	68.5 72.5	68.6 72.7	69.3	69,8	70.0	70.7	70.7	71.5	71.8
≥ 4500 ≥ 4000	57.2 59.2	63.9	67.6	68.6 72.0	71.0 75.4	71.3 75.9	73.5	73.7	73.9 79.3	74.5	75.0 80.4	75.2	75.9 61.3	79.9 81.3	76.7 62.1	77.1 82.5
≥ 3500 ≥ 3000	60.2 60.5	67.6	70.8	74.0 75.5	77.4 79.1	77.9	80.9	81.1	81.3	82.0	82.5	82.6	83.3	83,3	84.1	84.7 86.3
≥ 2500 ≥ 2000	01.4 01.9	69.5 70.3	71.8 73.0	76.6 77.9	80.3 81.6	80.8	84.1	84.7	84.8	85.5	86.0 89.0	86.2 89.2	86.8	86,8	87.7 90.7	88.2 91.2
≥ 1800 ≥ 1500	51.9 51.9	70.3	73.0 73.0	77.9 77.9	81.8 82.0	82.5	86.3 86.7	87.2	87.5	88.9	90.6	90.7	90.2	91.9	91.1 92.7	91.6
≥ 1200 ≥ 1000	61.9	70.3 70.3	73.0	77.9	82.0 82.1	82.5	86.7	87.7	88.0 90.1	89.7	90.6	90.7	91.7	91.9	92.7 96.3	93.3 97.0
≥ 900 ≥ 800	01.9	70.3	73.0	77.9	52.1 82.1	82.6	86.5 88.5	89.7	90.1	93.3	94.3	94.4	95,6	96.3	96.6 97.1	97.8
≥ 700 ≥ 600	01.9	70.3	73.0 73.0	77.9	82.1 82.1	82.6	88.5	89.9	90.2 90.2	93.4	94.8	94.9	96.1 96.1	96.3	97.1 97.1	97.6
≥ 500 ≥ 400	61.9 61.9	70.3	73.0	77.9	82.3	82.8	89.0	90.4	90.7	94.1	95.4 95.4	95.6		97.1	98.1	98.8
≥ 300 ≥ 200	01.9	70.3	73.0			82.8	89.0	90.4	90.7	94.1	95.4 95.4	95.6	97.0	97.1	98.3 98.3	99.0
≥ 100 ≥ 0	61.9	70.3	73.0 73.0	77.9	82.3 82.3	82.8	89.0		90.7 90.7	94.1	95.4	95.6	97.0	· - I	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28691

CEILING VERSUS VISIBILITY

166/13 FRIMISHER HAY HAT DOT APT 42-40,48-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200-1400

CEILING							v	ISIBILITY IST	ATUTE MILE	(S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.6	41.2	41.5	42.8	42.9	42.9	43.3	43.6	43,6	43.8	43.8	43.8	43,8	43.8	44.1	45.0
≥ 18000 ≥ 16000	41.9	47.7	48.0	49.2	49.9	50.3 50.4	51.1 51.3	51.8	51.8 52.0	52.1 52.3	52.3 52.5	52.3	52.3 52.5	52.5	52.6 52.8	53.5
≥ 14000 ≥ 12000	43.1 45.8	49.2	49.6	50.6	51.4 54.3	51.8 54.7	52.6 55.5	53.3 50.2	53,3	53.7	53.8 57.2	53.8	53.8	53.8 57.2	54.2 57.6	55.0
≥ 10000 ≥ 9000	47.9	54.2 55.4	54.7 55.9	55.9 57.1	55.7 57.9	57.1 58.3	57.9 59.1	58.6 59.8	58.6 59.8	58.9 60.1	59.6	59.6	59.6	59.6	61.2	60.8
≥ 8000 ≥ 7000	50.4 51.8	57.6 59.1	58.4	59.6 61.3	62.2	62.5	61.7	64.6	62.4	62.7	63.4	63.4	63,4	63.4	69.7	67.0
≥ 6000 ≥ 5000	54.3 56.7	65.6	63.2 66.8	64.4	70.2	70.5	67.1 71.9	72.9	68.1 72.9	73.6	74.4	69.7 74.4	69.7 74.4	59.7 74.4	70.0	75.6
≥ 4500 ≥ 4000	57.6 58.3	67.3	67.8	71.0	71.6	71.9	74.1	75.1 76.0	75.1 78.0	76.0 78.9	76.8	76.8	76.8 79.7	76.8	77.2 80.1	78.0
≥ 3500 ≥ 3000	60.0	70.2	72.1	76.0	77.7	78.0	80,6	81.6	81.6	82.5	83.3	83,3	83.3	83.3	83.6	87.1
≥ 2500 ≥ 2000	61.2	71.7	73.9	76.8	81.9	80.9	83.8	85.0	85.0	85.9	87,1	87.1	87,2 89.3	87.2	87.6	90.6
≥ 1800 ≥ 1500	61.2	72.4	74.8 75.0	78.0	81.9	82.3	85.5	86.9	86.9	87.7	89.8	88.9	90.5	90.5	89,9 90,8	91.0
≥ 1200 ≥ 1000	61.3	72.1	75.3	78.5	82.5	83.0	86.2	87.6	87.6 89.8	92.5	93,9	90.1	90.8 95.1	90.8	91.1 95.6	92.2
≥ 900 ≥ 800	51.3	72.7	75.3 75.3	78.5	82.6	83.0	88.4 88.4	89.8 89.8	89.8 89.8	92.7 92.7 92.7	94.0	94.0	95.2 95.2	95.2 95.2	95.7 95.7	96.9 96.9
≥ 700 ≥ 600 ≥ 500	01.3	72.7	75.3 75.3	76.5	42.6	83.0	88.4	89.8	89.8	92.7	94.0	94.0	95.2	95.2	95.7 95.7 95.7	96.9
≥ 500 ≥ 400 ≥ 300	61.3	72.7	75.3 75.3	78.5 78.5	82.6 82.6	83.0 83.0	88.4	89.8	89.5 89.5	92.7	94.0	94.0	95.2	95.2	95.7	96.9
≥ 200	51.3 61.3	72.7	75.3 75.3	78.5 78.5	52.6 52.6	83.0	88.4 88.8	89.8	89.8 90.1	93.0	94.0	94.0	95.2 95.6	95.2	95.7	
\$ 00°	01.3	72.1	75.3	78.5	82.6	83.0	88.8	90-1	90.1	93.0	94.4	94.4	95.6	95.0	1	100-0

MATA PROCESSING DIVISION ETAC, USAF ASREVILLE, 4. C. 28001

CEILING VERSUS VISIBILITY

16633 EROBISHER ANY MATE APT

-1 \$W9-1-100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							· · · · ·	ISIBILITY IST	ATUTE MILE	(S)						
FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.9	41.7	41.8 50.3	42.2	42.9	43.2	43.5	43.9	43,9 53.9	43.9	43.9	43.9	43.9	43,9	43.9	44.0
≥ 18000 ≥ 16000	44.4	51.2 51.7	51.5 52.0	52.4 52.9	53.6 56.1	54.4	54.4	55.1	55.1	55.3 55.8	55.3	55.3	55.4	55.4	55.6 56.1	55.8 56.3
≥ 14000 ≥ 12000	48.4	53.2 55.6	53.6 56.0	54.4	55.6 58.0	56.0	56.5	57.1	57.1 59.7	57.3 59.9	57,3	57.3	57.5 60.2	57.5	57.7	57.8
≥ 10000 ≥ 9000	49.8	56.8	57.3 58.2	58.2	59.4	59.7	60.4	61.1	61.1	61.2	62.2	61.4	62.4	61.6	61.7	62.8
≥ 8000 ≥ 7000	52.2	59.4	59.9	60.7	61.9	62.2	62.9 65.8	66.5	65.5	63.6	63.9	63.9	64.1 67.2	67.2	64.3	64.5
≥ 6000 ≥ 5000	57.0	64.3	69.0	66.2	67,5	73.5	68.7	69.6	69.6 75.0	69.7	70.1 75.9	70.1	70.4	70.4	70.6	70.7 76.3
≥ 4500 ≥ 4000	61.6	69.9	70.7	72.3	74.5	75.2	75.9	76.9	76.9	77.4 80.8	77.7	77.7 81.1	78.1 81.5	78.1 81.5	78.2 81.6	78.4
≥ 3500 ≥ 3000	62.9	71.9	73.3	75.2	78.2	78.9. 80.8	79.9	81.3	81.3	82.0 84.4	82.3	82.3	82.7 85.0	82.7 85.6	82.8 85.2	83.0 85.4
≥ 2500 ≥ 2000	04.1	73.5	75.3 76.4	77.4	81.3	82.1	83.7	65.2 87.6	85.2	86.2	86.7	86.7	87.1 90.0	87.1 90.0	67.2 90.3	87.4
≥ 1800 ≥ 1500	64.8 64.8	74.7	76.5	78.7 79.6	83.8	83.8	85.9	87.9	87.9	89.3 90.8	90.0	90.0	90.3	90.3	90.6	91.2 92.7
≥ 1200 ≥ 1000	64.8 04.8	75.2	77.4	79.6	83.8	84.7	86.7	89.5	89.5	90.8	91.5	91.5	91.8	91.8	92.2	92.7
≥ 900 ≥ 800	64.8	75.3	77.6	79.8	84.5	85.5	88.8	91.5	91.5	93.7	94.4	94.4	94.7	94.7	95.1	95.7
≥ 700 ≥ 600	64.8 64.8	75.3	77.6	79.8	84.5	85.5	88 . B	91.5	91.5	93.7	94.6	94.6	95.2 95.2	95,2 95,2	95.6	
≥ 500 ≥ 400	54.8 64.8	75.3	77.6	79.8	84.5	85,5	89.1	91.8	91.8	94.0	95.1 95.1	95.1	96.4	96.4	96.8	
≥ 300 ≥ 200	64.8 64.8	75.3	77.6	79.8	84.5	85.5	89.1	91.8	91.8	94.0	95.1 95.1	95.1	96.4	96.4	97.3	98 • 1 98 • 1
≥ 100 ≥ 0	54.8 64.8	75.3	77.6	79.8	84.5	85.5	89.1	91.8	91.8	94.0	95.1	95.1	96.4	96.4	97.3	98 • 1 100 • 0

TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING CIVISION FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16603 FROBISHER SAY NET DUT APT

.42-46-48-50

14 A.F.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-3000

CEILING						•		ISIBILITY IST	ATUTE MILE	(S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.1 44.2	42.9	43.8 51.0	44.5	46.0	46.1	46.3	46.9	46.9	47.4	47.4	47.4	47.4	47.6	47.8	48.1
≥ 18000 ≥ 16000	44.5	50.3	51.3	52.4	54.0	54.2	55.5	50.0 50.0	56.0 56.0	56.6	56.6	56.6	56.6 56.6	56.7 56.7	57.1 57.1	57.8 57.8
≥ 14000 ≥ 12000	45.2	51.0 52.8	52.1 54.0	53.1 55.1	54.8 56.9	54.9 57.1	56.2 58.3	56.7 58.9	56.7 58.9	57.3 59.4	57.3 59.4	57.3	57.3 59.4	57.5 59.6	57.8 60.0	56.5
≥ 10000 ≥ 9000	47.8 48.3	56.6	55.1 55.8	56.4 57.1	58,3 59,1	58.5 59.2	59.8	60.3	60.3	60.9	60.9	61.6	61.6	51.0 51.8	62.1	62.1 62.8
≥ 8000 ≥ 7000	49.7	55.8	57.3 60.5	58.5	60.9	61.0	62.3	62.8	62.8	63.4	63,4	63.4	63,4	67.0	63.9	64.6
≥ 6000 ≥ 5000	54.4 56.6	61.8	63.6	65.0	67.5	67.7	68.9 73.6	69.8	69.8	70.6	70.7	70.7	70.7	70.9	71.3	72.0
≥ 4500 ≥ 4000	57.5	69.7	68.2 72.5	70.2	73.8	74.0	75.2 79.9	76.1 80.8	76.1 80.8	76.8	77.0 61.7	77.0	77.0	77.2	77.6 82.2	78.3
≥ 3500 ≥ 3000	60.5	70.4	73.4	75.6 77.4	79.4	79.5 81.3	80.8 82.8	81.7	81.7	82.4	82.6 85.1	82.6 85.1	82.6 85.1	82.8	83.1 85.6	83.8
≥ 2500 ≥ 2000	61.4	72.0	75.4	78.1 79.7	82.2	82.4 84.4	83.8	85.3	85.3	86.2 89.4	86.4 90.1	86.4 90.1	90.7	90.8	86.9 91.2	87.6 91.9
≥ 1800 ≥ 1500	62.1	72.7	76.7 78.3	79.9 31.5	84.9 86.9	85.1 87.1	86.7 88.7	88.2 90.1	88.2 90.1	90.1 92.6	90.6	90.8	91.4	91.0	91.9	92.6
≥ 1200 ≥ 1000	02.5 62.7	73.4 73.6	78.3 79.6		86.9 87.8	87.1	88.7	90.3	90.3	92.8	93.5	93.5	94.1	94.3	74.6	95.5
≥ 900 ≥ 800	62.7	73.6	78.6 78.6		87.8 67.8	88.0	89.6 89.6	91.6 91.6	91.6 91.6	94.6	96.1	95.3	95.9	96.1 96.8	96.4	97.5
≥ 700 ≥ 600	62.7	73.6	78.6 78.6		87.8 87.8	88.0 88.0	89.6 89.6	91.6	91.6	95.0	96.2	96.2	96.8 96.8		97.3	98.9
≥ 500 ≥ 400	62.7 62.7	73.0 73.6	78.6 78.6		87.8	88.0	89.6		91.6	95.0		96.2	96.8	96.9	97.5	99.1
≥ 300 ≥ 200	62.7	73.0	78.6 78.6		87.8 67.8	88.0		91.6	91.6	95.0	96.4	96.4	97.3	97.5	98.0	79.0
≥ 100 ≥ 0	62.7 52.7	73.0	78.6 78.6		87.8	88.0	-	91.6 91.6	91.6 91.6	95.0 95.0		96.4	97.3 97.3	97.5		99.6

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

557

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, w. C. 28801

CEILING VERSUS VISIBILITY

1003 ENDS SHEET DAY STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~1100~3400

CEILING							VI	ISIBILITY IST	ATUTE MILE	S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ 1/4	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.3	50.3	52.1 55.7		55.5	55.5 59.1	56.9	57.3	57.3	57.9	57.9	57.9 61.5	58.3	56.3	53.5 62.1	59.7
≥ 18000 ≥ 16000	45.9	54.1 54.3	55.9	57.7 57.9	59.3 39.5	59.3 59.5	60.7	61.1	61.1	51.7	61.7	61.7	62.1 62.3	62,1	62.3	63.5
≥ 14000 ≥ 12000	46.5	54.7	56,5 58.1	58.3 59.9	59.9	59.9 61.5	62.9	61.7	61.7	62.3	62.3	62.3 63.9	62.7	62.7 64.3	62.7	64.1
≥ 10000 ≥ 9000	48.7	57.5 57.9	59.3 59.7	61.1	62.7	63.1	64.1	64.5	64.5	65.7	65.3 65.7	65.3 65.7		65.7	65.9	57.1 67.5
≥ 8000 ≥ 7000	20.3	59.3	61.1	62.9	66.7	64.9	66.3	68.9	66.7	67.5	69.7	67.5 69.7	70.1	70.1	70.3	71.5
≥ 6000 ≥ 5000	52.5 36.1	62.1	64.1	70.9	74.3	69.1 74.7		71.3	71.3	72.1	77.8	72.1 77.8		78.2	78.4	73.9
≥ 4500 ≥ 4000	57,9 59.1	70.7	70.9	72.9		81.0	62.8		83.2	84.0	84.0	84.0	84.4	74.4	84.6	85.2
≥ 3500 ≥ 3000	59.7	71.9	74.1		83.C	83.8		86.2	84.8		87.2	87.2	86.2 87.8	87.6	88.0	87.6 89.2
≥ 2500 ≥ 2000	61.1	73.9	76.6	81.2	87.0	87.8	90.2	89.0 91.6		93.4	93.8	93.8	94.6	94.6	96.8	96.0
≥ 1800 ≥ 1500 ≥ 1200	61.9	75.6	78.2 78.6 78.6	81.8	87.8 88.6 88.6	89.4	92.0		93.4	95.4	95.8		95.4 97.0 97.4	97.0	97.2	96.8
≥ 1000	61.9	75.6	78.6	81.8	88.6	89.4	92.2	93.8 93.8	93.8	95.8	96.2	90.2	97.4	97.4	97.6	99.2
≥ 800	61.9	75.0	78.6	81.8	88.6	89.4	92.2	93.8 93.8	93.8	95.8	964	90.4		97.6	97.8	
≥ 700 ≥ 600 ≥ 500	01.9	75.0	78.6 78.6	81.8	58.6	89.4	92.2	93.8	93.8		96.8		98.0	98.0		100.0
≥ 400 ≥ 300	61.9	75.6	78.6	81.8		89.4	92.2	93.8	93.6	96.0		96.8	98.0	98.0	98.2	100.0
≥ 200	61.9	73.0	78.6	81.8	88.6	89.4		93.8	93.8	96.0	96.8	90.8	98.0	98.0	98.2	100.0
2 0	61.9	75.6	-						93.8						98.2	

499 TOTAL NUMBER OF OBSERVATIONS....

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLES O. C. 28891

CEILING VERSUS VISIBILITY

166 12 FROHISHER LAY MAT DET 42-47-49-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ሀሳይያ የተራችው

CEILING						_		ISIBILITY IST	ATUTE MILE	ES						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ %	≥ 5/8	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.5	40.0	47.0	47.4	47.6	47.8	48.1	48.1	48,5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000 ≥ 16000	44.2	48.3	48.7	49.1	49.3	49.6	50.0	50.0	50.4 50.5	50.4 50.4	50.4 50.6	50.4	50.4	50.4 50.6	50.4 50.6	50.4
≥ 14000 ≥ 12000	44.8 45.0	48.9	49.3	49.0	49.8 50.0	50.2	50.6 50.9	50.6 50.9	50.9	50.9 51.3	50,9	50.9	50,9	50.9	50.7	50.9
≥ 10000 ≥ 9000	46.1	50.2 51.1	50.6	50.9 52.1	51.1 52.2	51.7 52.8	52.1 53.4	52.1 53.6	52.4	52.4 53.7	52.4 53.7	52.4 53.7	57.4 53.7	52.4	52.4	32.4
≥ 8000 ≥ 7000	49.1 50.7	55.4	53.7 55.8		54.7	55.2 57.5	55.8	55.8 58.2	56.2 58.6	56.2	56.2 58.6	56.2 56.6	56.2 56.6	56.2 58.6	56.2	56.2 58.6
≥ 6000 ≥ 5000	53.0 25.0	59.0 62.7	59,5 63.8		60,8	61.4	62.3	67.0	67.4	62.7	62.7	67.5	67.5	67.5	62.7	42.7
≥ 4500 ≥ 4000	56.5 58.4	66.4	65.1	70.0		67.5	68.8 73.1	73.3	69.6	69.8 74.1	74.1	74.1	69.8 74.1	69.8	74.1	74.1
≥ 3500 ≥ 3000	60.3 62.3	58.7 72.2					75.6 60.2	75.9		76.7	76.7 81.3	76.7	76.7	76.7	76.7	76.7
≥ 2500 ≥ 2000	64.C		79.3 82.8		86.4	83.0		85.8		56.6 90.5	86.6	90.0	86.8		86.8	86.8
≥ 1800 ≥ 1500	06.6 08.1	79.1 81.2	84.0				94.0		1	95.5	92.0	92.0	92.4	92.4	97.4	92.4
≥ 1200 ≥ 1000	08.1 68.3	81.2 81.3	0.68 5.68	88.2	91.6	91.6	95.1	95.1	95.5 96.3	97.0	-		96.5 97.6		96.5	96.5
≥ 900 ≥ 800	68.3	81.3	86.2	88.4	91.6	92.2	95.1	95.9	96.3 96.3	97.0	97.0	97.0	97.6		97.0	97.6
≥ 700 ≥ 600	68.3 98.3	51.3 81.3	86.2	58.4 58.4		92.2	95.1	95.9 95.9	96.3 96.3		97.2	97.2	97.6 97.8	97.8	97.8	97.6
≥ 500 ≥ 400	58.3	81.3	86.2		91.6		95.1	95.9	96.3		97.4	97.4	98,5 98,5	96.5		
≥ 300 ≥ 200	09.3 08.3	81.3	86.2	88.4	91.6	92.2	95.1		96.3	97.4	97.4	97.4	98.5	98.3	98.5	96.7
≥ 100	68.3	1	86.2			92.2			96.3		97.4			98.5	96.5	98.9

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

1664 EMBISINER HAY MAT DIT APT 42-47-49-50 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0702-0700

CEILING						•	v	ISIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'6	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5;16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.3	18.0		39.0 39.4	39.2	39.2	39.2 39.6	39.2	39.6	39.6		39.0	39.5 40.0	40.0	39.6 40.0	39.6
≥ 18000 ≥ 16000	35.3	39.0	39.4	39.4	39.6	39.6 39.6	39.6	39.6	40.0	40.0	40.0 40.0	40.0	40.0		40.0	40.0
≥ 14000 ≥ 12000	35,9	40.0	40.4	40.4	40.0	40.6	40.6	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000 ≥ 9000	40.2	45.1	45.5	45.5	45,7	45.7	45.7	45.7	46.1 47.1	46.1	46.1	46.1	46.1	40.1	46.1	46.1
≥ 8000 ≥ 7000	45.9	51.0 52.9	51.4 53.5	51.4 53.5	51,6	51.0	51.6	51.6 54.1	52.0 54.5	52.0	54.5	52.0 54.5	52.0 54.5	52.0 54.5	52.0 54.5	52.0 54.5
≥ 6000 ≥ 5000	50.4	56.7 50.6	58.2 62.0	58.2	59.0 63.7	59.0 63.9	59.0 63.9		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500 ≥ 4000	55.1 59.0	67.6	64.5	71.0	73.3	73.5	74.3	74.3	67.3	67.6 74.9	74.9	74.4	74.9	74,9	74.9	67.8 75.1
≥ 3500 ≥ 3000	61.2 93.5	71.2	73.5	75.5 79.6	82.2	78.0 82.7	76.8 53.9	83.9	79.2 84.3	79.4	84.5	79.4	79.4 84.5	84.5		79.6 84.7
≥ 2500 ≥ 2000	07.8	78.4		83.9	89.8	90.4	92.0	92.0	92.4	92.9	92.9	92.9	89.6 92.9	92.9	89.6 92.9	93.1
≥ 1800 ≥ 1500	68.4	81.0	46.9	87.3	93.9	94.5	90.3	96.1	96.5	94.1	94.1	94.1	94.1	97.1	97.1	94.3
≥ 1200 ≥ 1000	υ7.8 υ9.8	83.3 F3.3	87.1	90.0	94,3	95.1	96.9	97.3	97.8	98.6	98.6			98.6	98.6	
≥ 900 ≥ 800	09.8	33,3 8005	87.1 87.1	90.0	94.5	95.3	97.3	97.8	98.0	98.8	99.0	98.8		99.2	99.2	99.4
≥ 700 ≥ 600	6,90 09,8	83.3	87.1	70.0	94.5	95.3	97.3	97.8	98.2	99.2	99.2	99.2	99.4	99,4	99.4	99.6
≥ 500 ≥ 400	59.8	83.3		90.0	94.5	95.3	97.3	97.8	98.2	99.2	99,2	99.2	99.6	99.0	99.6	- 1
≥ 300 ≥ 200	09.8	83.3 83.3	87.1	90.0	94.5		97.3	97.8	98.2	99.2	99.2	99.2	99.6	99.0	99.5	
≥ 100 ≥ 0	09.8	83.3 <u>6.68</u>	87.1	90.0		95.3	97.3 97.3	l	98.2	99.2	99.2	99.2	99.6	99.0		100.0

TOTAL NUMBER OF OBSERVATIONS 440

DATA PRINCESSING DIVISION ETAC, USAF ASHEVILLE, ... C. 28a'l

CEILING VERSUS VISIBILITY

166 T FAUNTSHER BAY NICT THE APT 42-47,49-50 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

−ce@p_çaoo

CEILING							VI	SIBILITY (ST.	ATUTE MILE	S)		<u>.</u>				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'9	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.5 35.8	34.5			35.6		35.6				35,8	35.8	35,8		35,8	35.8
≥ 18000 ≥ 16000	35.8 36.5	39.7		40.0	40.8	7 - 1	40.8	41.0			41.0			41.0	41.0	1
≥ 14000 ≥ 12000	38.1 39.2	41.9	42.4		43.1	43.1	43.1	44.7	43.2	44.7	44.7		44.7	43.2	43.2	43.2
≥ 10000 ≥ 90 00	41.6	46.0	47.9	48.4	47.1 48.5	47.1		48.9		48.9	48.9					
≥ 8000 ≥ 7000	40.8	52.0 56.6	57.3			53.7	58.9	59.0		59.2	59.2	59.2		59.2	54,0 57.2	39.2
≥ 6000 ≥ 5000			62.3	67.3		68.7	68.9	69.2	69.2	69.4		69.4	69.4	69.4	69.4	69.4
≥ 4500 ≥ 4000	56.5 un.8	70.0	72.6		76.1	70.1	17.3	77.7		77.9	77.9	77.9		77.9	77.9	77.9
≥ 3500 ≥ 3000	02.1	77.4	80.2	81.8		84.5	86.0	86.5	80.6	86.6	86.6		86.6	86.6		80.6
≥ 2500 ≥ 2000 ≥ 1800	09.8	79.5	82.7		90.5	90.5		92.9	92.9		93.5	93.5	93.5	93.5	93.5	89.8 93.5 93.5
≥ 1500	70.0			87.3	91.5	91.5		93.9	93.9	94.5	94.5			94.5	94.5	99.5
≥ 1200 ≥ 1000 ≥ 900	70.0 70.2 70.2	72.9	86.3 86.5 86.5	88.4	91.5 91.6 91.6	91.6		95.0			96.6	96.6	97.7	97.7	97.7	
≥ 900 ≥ 800 ≥ 700	70.2	83.1 83.1		88.4	91.6	91.6		95.2	95.2	96.3	96.9		98.1	98.1		96.1
≥ 600		83.1 53.2		BB . 4		91.6		95.2	95.2	96.3	96.9		98.1	98.1	98.1	98.1
≥ 400 ≥ 300		R3.2	86,6	88.5	91.8	91.8		95.3	95.3	96.8	97.4	97.4	99,7		99.7	99.7
≥ 200	19.3	53.2 83.2	86.6	88.5	91.8	91.8	94.4	95.3	95.3	96.8	97.4	97.4	99.7		99.7	99.7
≥ 100				88.5							97,4				- 1	

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING MIVISIMA ETAC, USAF ASHFVILLE, 4. C. 28601

CEILING VERSUS VISIBILITY

16613 FIRESTAND STATION VERS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

r cring	:						v	ISIBILITY IST	ATUTE MILE	:S:						
FEET	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 17;	≥ 114	≥ 1	≥ ¾	≥ 5/8	≥ '2	≥ 5 16	≥ '₄	≥ 0
NC CFILING ≥ 20000	30.4	38.1	38.1	38.1	38.2 43.5	38.2	38.7	38.7	38.7	- 1	38.7	38.7	38.7		38.7	44.0
≥ 18000 ≥ 16000	40.2 41.2	44.0	43.0	43.5	43.7	43.7	44.1 45.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1		44.1
≥ 14000 ≥ 12000	47.8	46.0	46.7	47.2	47.4	41.5	48.0	48.0	49.4	48.0	48.0	40.0	48.0	48.0	48.0 49.4	
≥ 10000 ≥ 9000	46.1	46.9 50.5	49.4 50.9	49.8	50.0 51.5	50 · 2	50.6 52.2	50.6	50.6 52.2	50.6	50.6 32.2	50.6	50.6 52.2	50.6 52.2	50.6 52.2	50.6
≥ 8000 ∴ 7000	50.8 53.3	54.0 56.0	59.0	55.6 59.4	00.4	56.0 60.5	56.5 61.0	56.5	56.5	-	56.5 61.0	56.5	56.5 61.0	56.5	56.5	56.5
≥ 1000	57.3	59.2 8.60	67.8		70.1	70.3		70.7	67.3 70.7	70.9	67.3 70.7	67.3 70.9		70.9	70.9	70.9
≥ 4,00 ≥ 4010	64.4	67.5	73.5	70.3		77.2	77.9	78.0	78.0	78.5	72.9			72.9	72.9	76.5
≥ 350 ≥ 3006	57.2 58.9	77.6	74.6	76.0	83.9		85.6	86.2	86.2	86.8	86.8	86.8		86.8	86.8	
≥ 2500 ≥ 2000	70.3	78.9	81.6			86.8 50.4	91.8	92.9	93.0	93.8	93.8		93.8	93.0	93.8	93.8
≥ 1800 ≥ 1500	71.4	00.3	83.7	85.8	89.9	91.2	92.6	93.8	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200 ≥ 1000	11.5	81.0	84.7	86.7	90.2	91.5	92.9	94.9	95.2	96.7	97.7	97.2	97.8	95.7	97.8	97.8
≥ 900 ≥ 800	71.5	71.0	84.7	86.7	90.2	91.5		94.9	95.2	96.7	97.2	97.2	97.8	97.8		77.8
≥ 700 ≥ 600 ≥ 500	71.5	81.0	84.7	86.7	90.2	91.5	93.2	94.9	95.2	96.7		97.2	97.8	97.8 97.8	97.8	97.8
≥ 500 ≥ 400 ≥ 300	71.7 71.7	Ple1 Ble1	54.8 54.8	56,8	90.4	91.6	93.3	95.0	95.4	97.1	97.5	97.5	98.8	98.6	98.5	
≥ 200 ≥ 100	71.7	Blai		80.8	90.4	91.6	93.3	93.0	95.4	97.6	97.8	97.5	99.2		99.2	99.2
≥ 0	/1.7		1 1 1			91.6		95.0				98.0		- 1		107-0

TOTAL NUMBER OF OBSERVATIONS

7	######################################	JAN 7U	E ENVIRONMENTE	HTAL TEC	D. NORT	HWEST	TENNIT	#IF>+	LIC CANADA		
		OSAFE TAC	703-617043	سحت	•	BIE-AD	-£850 L	71		146	
	3 or 4 Moorae										

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MATA PROCESSING MIVISION ETAC, USAF ASHEVILLE, C. C. 28801

CEILING VERSUS VISIBILITY

166 TATION MARE

42-47-49-50

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200#1400

CEILING	i						v	ISIBILITY (ST	ATUTE MILE	:Sı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 11/4	≥ ;	≥ ¾	≥ 5/8	≥ %	≥ 5∴16	≥ 12	≥ 0
NO CEILING ≥ 20000	38.3	40.0	41.4	41.4	41.7	41.7	42.0	42.2	42.2	42.3	42.3	42.3	42.3 67.9	42.3	47.9	42.3
≥ 18000 ≥ 16000	41.3	45.6	46.4	46.7	47.1	47.1	47.6 48.8		47.8	47.9	47.9 49.1	47.9	47.9	47.9	47.9	47.9
≥ 14000 ≥ 12000	44.5	48.5	49.6	49.9	50.4 52.6	50.4 52.6	50.9 53.0	51.0 54.2	51.0 53.2	51.2 53.3	51.2 53.3	51.2	51,2 53,3	51.2 53.3	51.2 53.3	51.2 53.3
≥ 10000 ≥ 9000	49.8	54.3 56.4	55.0 57.0	57.3	55.8 57.8	55.8 57.6	56.3 58.3	56.4 58.6	56.4 58.4	56,6 58,6	56.6 58.6	56.6 58.6	56,6	58.6	53.6	56.6
≥ 8000 ≥ 7000	36.4	59.4	60.6	61.2	61.7	64.8	62.1 65.2	62.3	62.3	65.5	62.4	62.4	62.4	65.5	6.6	65.5
≥ 6000 ≥ 5000	58.4 61.1	64.6	70.0	67.5	68.5 73.3	68.5 73.3	73.7	73.9	69.1 74.2	74.3	69.2 74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500 ≥ 4000	62.0 65.2	69.6 73.7	71.7 76.5	73.4	75.1 80.8	75.1 80.8	75.7	75.9 81.6	76.2 81.9	76.4 82.1	76.4 82.1	76.4	76.4 82.1	82.1	2.1	76.4
≥ 3500 ≥ 3000	66.3	75.6 78.7	81.5	80.4	86.6	86.7	83.9 87.5	84.1 87.6	84.4	84.5	88.1	88.1	84.5	84,5 88.1	88.1	88.1
≥ 2500 ≥ 2000	70.3	79.1	81.9 83.6	84.1 85.9		59.6	91.5	91.8	88.9 92.1	93.4	93.5	93.5	89.8 93.7	93.7	93.7	93.7
≥ 1800 ≥ 1500	70.3	50.1 50.5	83.6 84.1	85.9 86.4	90.1	39.8 90.3	91.7 92.1	92.0	92.9	93.7	94.7	93.5	94.9	94.9	94.9	94.9
≥ 1200 ≥ 1000	70.6	80.5 80.7	84.1	86.4	90.3	90.4	92.1	92.7	93.0	95.8	95.1	95.1	95.2	96.8	96.4	96.8
≥ 900 ≥ 800	70.8 70.8	80.7	84.2	86.6	90.3	90.4	92.7	93.8	94.1 94.1	96.0	96.3	96.3	96.9	96.9 96.9	97.1	96.9
≥ 700 ≥ 600	70.8	80.7	84.2	86.6	90.3	90.4	92.7	93.8	94.1	96.0	96.3	96.3	96.9		97.1	97.1
≥ 500 ≥ 400	70.8	80.7	84.2	86.6	90.3	90.6	93.0	94.1	94.4	96.8	97.1	97.1	98,1 98,1 98,1	98.1	98.3 98.3 98.3	98.3
≥ 300 ≥ 200	70.8	80.7	84.2	86.6	90.3	90.0	93.0	94.1	94.4	96.8	97.1	97.1	98.5	98.5	98.8	98.0
≥ 100	70.8	80.7	84.2	86.6	اسمعا	90.6			94.4	96.9	97.2	97.2	98.0			100.0

TOTAL NUMBER OF OBSERVATIONS 647

DATA PRICESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

16603 FERBISHER HAY WET DIT APT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 300 - 1700

CELLING							٧	ISIBILITY (ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 11/4	≥ ;	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.3	39.3	39.8	39.9 48.8	39.9 48.8	39.9 48.8	40.1	40.1 48.9	40.1 48.9	40.2	40.2	40.2	40.2 49.1	40.2 49.1	40.4	40.4
≥ 18000 ≥ 16000	44.7	48.1 50.6	48.8	49.2	49.2	49.2	49.4	49.4	49.4	49.5 52.0	49.5	49.5 52.0	49.5 52.0	49.5 52.0	49.7 52.2	49.7
≥ 14000 ≥ 12000	49.4	52,8	53.4 56.0	56.5	53.9 56.5	53.9 56.5	54.0 56.8	54.0 56.8	54.0 56.8	54.2 57.0	54.2 57.0	54.2	54.2 57.0	54.2 57.0	54,3	54.3
≥ 10000 ≥ 9000	53.3 55.0	57.1 59.4	57.7 60.1	58.2	58 • 2 60 • 7	58.2 60.7	58.5	58.5	58.5 61.0	58.7	58,7 61.1	58.7	58.7	58.7	58.8 61.3	56.8
≥ 8000 ≥ 7000	36.A	61.5	62.1	62.5	66.9	66.9	67.2	63.0	63.0	67.3	63.2	67.3	67.3	67.3	63.3	67.5
≥ 6000 ≥ 5000	61.9 65.5	72.4	73.8	74.6	70.4	70.4	70.7	70.7	70.7 76.8	70.9 77.1	70.9 77.1	70.9	70.9	70.9	71.1 77.2	71.1
≥ 4500 ≥ 4000	06.4	74.1	75.7	76.5 79.9	77.6	77.7	78.5 82.8	76.6		78.9	78.9	78.9	78.9	78.9	79.1	79.1 83.4
≥ 3500 ≥ 3000	09.8 12.6	78.5	80.7 83.9	81.6 85.1	83.4	83.7	84.8	85.0	85.7	89.0	89.0	85.3	85.3		89.2	89.2
≥ 2500 ≥ 2000	72.9	82.2	85.1 86.2	86.4	90.6	91.3	90.4	90.6	90.6	90.9	90.9		94.0	90.9	91.0	94.1
≥ 1800 ≥ 1500 ≥ 1200	74.0	83.9 83.9	85.4 85.8	87.9 88.7	90.7	91.5 92.3 92.3	92.9	93.8	94.7	94.3 95.2 95.2	94.3 95.2 95.2	94.3 95.2 95.2	94.3 95.2 95.2	94.3 95.2 95.2	94.4 95.4	95.4
≥ 1000	74.3	R 3 . 9		P8.9	91.8	92.6	93,8	95.2	95.2	96.0	96.0 96.0		96.1	96.1	96.3	96.3
≥ 800	74.3	83.9	86.8	88.9	91.8	92.6	94.3 94.3	95.2 95.2 95.2	95.2 95.2 95.2	96.0	96.6	96.6	96.1 96.9 96.9	96.9	96.3 97.1 97.1	90.3 97.1 97.1
≥ 700 ≥ 600 ≥ 500	74.3 74.3	83.9	86.8	88.9	91.8	92.7		95.4	95.4	96.1	96.7	96.7	97.1	97.1	97.2	
≥ 400 ≥ 300	74.3	83.9						95.4	95.4	96.6	97.2	97.2	98.5 98.5	98.5	98.6	98.6
≥ 200 ≥ 100	74.3	83.9	86.8			92.7	94.4	95.4	95.4	96.6	97.2	97.2	90.5	98.5	98.8	98.8
≥ 0	74.3		86.8	•	91.8	92.7	94.4	95.4	95.4	96.6	97.2	97.2	98.5			

42-47,49-50

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PIVISION FTAC, USAF ASHEVILLE, N. C. 29601

CEILING VERSUS VISIBILITY

TANON PRODUCT STATION NAME

42-47-49-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V	ISIBILITY (ST	ATUTE MILE	ESI						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.7	36.2	36.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	
≥ 18000 ≥ 16000	39.0 40.0	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
≥ 14000 ≥ 12000	42.5	45.8	46.0	46.0	46.2	46.2	49.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	40.3	40.3
≥ 10000 ≥ 9000	47.4	51.2 52.6	51.4 52.8	51.4 52.8	51.7 53.1	51.7 53.1	51.9	51.9 53.3	51.9 53.3	51.9 53.3	51.9	51.9 53.3	51,9 33.3	51,9 53.3	51.9 53.3	53.3
≥ 8000 ≥ 7000	51.2 55.8	56 · 1	56.5 61.2	61.2	57.2 61.9	57.2 62.1	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	57.5 62.8	
≥ 6000 ≥ 5000	59.4	69.4	70.6		71.7	67.0	73.6	73.4	73.4	73.4	73.4	73.6	73.4	73.4	73.4	73.6
≥ 4500 ≥ 4000	64.2	71.3	72.6	72.6	73.6	73.8	75.5	75.5	75.5 79.0	75.5	75.5	75.5	79.0	75.5 _79.0	79.0	79.0
≥ 3500 ≥ 3000	70.5	75.9	78.3 82.7	84.0	79.7 85.1	79.9 85.3	81.6 87.1	87.2	87.2	81.6 87.6	87.4	81.6	87.4	81.6 87.4	87.4	37.4
≥ 2500 ≥ 2000 ≥ 1800	71.9 73.3 73.3	80.4	84.6 87.4 87.6	85.0 88.1 88.3	87.2 91.1 91.3	97.4 91.6	94.1 94.2	94.2	94.2 94.4	94.4	94.6	89.9 94.6	89.9 94.6	94.6	94.6	94.6
≥ 1500 ≥ 1200	73.4 73.4	83.0 83.2 H3.2	87.8 67.8		92.3	91.8 92.8 92.8	95.5	95.6	95.6 95.8	96.2	96.7	96.7	96.5	96.5 96.7	96.5	96.5
≥ 1000	73.6	83.4	88.1	89.2	93.0	93.5	96.5 96.5	96.7	96.7	97.0	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800 ≥ 700	73.6	83.4	68.1	89.2	93.0	93.5	96.7 96.7	96.9	96.9		98.3 98.3	98.3	98.4	98.4	98.4	98.4
2 600	73.6		88.1	89.2	93.0	93.5	96.7	96.9	96.9	97.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 402 ≥ 300	73.6	83.4	88.1	89.2 89.2	93.0	93.5	96.7	96.9	96.9	97.2	98.4	98.4	98.8 98.8	98,8	98.8	99.0
≥ 200	73.6	83.6	88.1	89.2	93.0		96.7	96.9	96.9		98.4	98.4		98.8	98,8	99.0
≥ 0	73.6		88.1	89.2	93.0	93.5	96.7	96.9	96,9	97.2	98,4	98,4	98.8	98.8	98,8	100.0

572

DATA PROCESSING DIVISION ETAC, USAF ASHLVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

106117 ENLISTER MAY WET OUT APT 42-47-49-50 YEARS

-5100-5300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						•		ISIBILITY IST	ATUTE MILE	ES _I						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEIUNG ≥ 20000	41.6	45.3	46.7	46.9	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000 ≥ 16000	43.4	47.3	48.6	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000 ≥ 12000	43.6	47.5	48.8	49.0 50.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6 51.4	49.6 51.4	49.6	49.6	49.6
≥ 10000 ≥ 9000	47.1	51.4 51.4	52.7 52.7	52.9 52.9	53.9 53.9	53.9 53.9	53.9 54.3	53,9 54,3	53.9 54.3	53.9	53.4 54.3	53.9 54.3	53,9 54.3	53.9 54.3	53.9	53.9
≥ 8000 ≥ 7000	50.0 51.6	54.5	55.9 57.8	56.1 58.0	57.0	57.0 59.0	57.4	57.4 60.2	57.4	57.4	57,4 60.2	57.4 60.2	57.4	57.4 60.2	57.4 60.2	57.4
≥ 6000 ≥ 5000	54.1	50.7	62.3	62.5	67.6	63.5	65.0	55.2	65.2	69.7	65.2	65.2 69.7	65.2 69.7	69.7	65.2	65.2
≥ 4500 ≥ 4000	57.2 39.6	65.6	67.8 71.3	68.6 72.1	69.5 73.0	73.0	71.1 74.6	71.3 74.8	71.3	71.7	71.7 75.2	71.7	71.7 75.2	71.7 75.2	71.7	71.7
≥ 3500 ≥ 3000	61.7	71.7	75.4 79.9	76.4	77.5	77.7	79.5	79.7 84.6	79.7 84.6	80.1 85.2	80.1 85.2	80.1 85.2	80.1	80.1 85.2	85.2	80.1
≥ 2500 ≥ 2000	65.0 68.2	77.1	82.4	83.8	85.0 89.3	85.4 90.0	87.5 92.8	87.7 93.2	87.7 93.2	93.8	88.3 93.6	93.8	85.3 93.8	93.8	93.5	93.8
≥ 1800 ≥ 1500	68.4	50.9 82.6	86.9	88.5	89.6 91.6	90.4	93.2	93.6	93.6	94.1	94.1 97.1	94.1	94.1 97.1	94.1 97.1	94.1	97.1
≥ 1200 ≥ 1000	69.5	32.8 82.8	88.9		91.8	93.0	96.1	96.5	96.5	97.1 97.5	97.3 97.9	97.3	97.3		97.3	97.3
≥ 900 ≥ 800	69.5	82.8	85.9	90.4	92.0	93.2	96.5	96.9 96.9	96.9	97.5	98.2	98.0	95.4	98.4	98.0	98.0 98.4
≥ 700 ≥ 600	69.5	82.8	88.9	90.4	92.0	93.2	96.5	96.9	96.9	97.5 97.5	98.2	98.4	98.4	98.4	98.4	98.4
≥ 500 ≥ 400	69.5	52.6 82.6	88.9	90.4	92.0	93.2	96.5	96.9	96.9	97.7	98.4	98,6		98,6	95.6	98.6
≥ 300 ≥ 200	69.5	82.8	88.9 88.9	90.4	92.0	93.2		96.9	96.9	97.7	98.4	98.6	98.6	98.6	98.6	99.2
≥ 100 ≥ 0	69.5	82.6	88.9	90.4	92.0		96.5	96.9		97.7 97.1	98.4	98.0			98.6	

TOTAL NUMBER OF OBSERVATIONS 512

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, P. C. 28601

CEILING VERSUS VISIBILITY

STATION NAME STATES HAY PLAT THE APT

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_00202~0200

CELLING							v	ISIBILITY IST	ATUTE MILE	:S;						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ %	≥ 0
NO CEILING ≥ 20000	20.2	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.6
≥ 18000 ≥ 16000	20.6	21.0	21.P 22.0	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.6	21.8	21.8	21.8	21.8	21.8
≥ 14000 ≥ 12000	20.7	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.0	22.0
≥ 10000 ≥ 9000	22.9	24.1	24.4	24.4 24.4	24.4 24.8	24.4 24.8	24.4	24.4 24.8	24.4	24.4	24.4	24.4 24.8	24.4	24.4	24.4	24.4
≥ 8000 ≥ 7000	24.2	25.4	25.7	25.7	25.7 28.9	25.7	25.7	25.7 28.9	25.7	25.7	25.7 28.9	25.7	25.7 28.9	25.7	25,7	25.7
≥ 6000 ≥ 5000	29,2 32.4	31,3 34.8	31.7	31.7	31.7	31.7	31.7 35.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 4500 ≥ 4000	33.9	36.7	37.3	37.6	37.6 45.1	37.6	37.6 65.1	37.6 45.2	37.6	37.6	37.9 45.5	37.9	37.9	37.9 45.5	37.9	37.9
≥ 3500 ≥ 3000	44.8 51.4	49.3 56.6	50.6 58.5	50.9 58.8	51.1 59.2	51.1 59.3	51.3 59.4	51.4 59.6	59.6	51.9 60.1	52.1 60.2	52+1 60-2	52.1	52.1	52.1 60.2	52.1
≥ 2500 ≥ 2000	56.8	63.1 70.7	74.3	75.0	66.5 75.8	66.7 76.0	67.1 76.6	67.2 76.7	67.2 76.7	67.7 77.6	67.9 77.5	67.9 77.5	67.7	67.9 77.5	67.9 77.5	77.0
≥ 1800 ≥ 1500	53.1	71.4	75.0 79.0	75.6 79.7	76.4 80.7	76.7 81.1	77.4 62.3	77.5 52.5	77.5	78.2 63.3	78.4	78.4 53.7	78.4 83.7	78.4	78.4 83.7	76.6
≥ 1200 ≥ 1000	57.3	75.9	79.7	80.3	84.5	81.6	83.0	83.1 88.0	83.1	90.1	91.0	91.2	91.4	91.4	91.4	91.6
≥ 900 ≥ 800	69.9 69.1	76.2	82.2	83.1 83.3	84.7	85.1	87.6 87.5	88.4	88.5	90.5	92.0	92.1	91.8	71.8 92.5	91.8	92.0
≥ 700 ≥ 600	69.5	78.7	82.7 82.7	83.8	85.4	85.8	88.8	89.4	90.0	92.0	93.0	93.2	93.6	93.6	94.2	93.7
≥ 500 ≥ 400	69.5	78.7 79.0	82.9	84.6	85.7	86.1	89.2	91.3	90.6	74.0 95.0	95,3	95.4	94.1	97.2	96.1	96.3
≥ 300 ≥ 200	69.7	79.7	84.1 84.2	85.3	67.1	87.4		92.4	92.0	96.1	97.5	97.6	98.4	98.4	98.4	98.5
≥ 100 ≥ 0	69.9	79.8	84.3	85.5	87.3 47.3	87.7 87.7	90.8	92.5	93.0 93.0	96.8	98.3	98.4	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 747

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, 4. C. 28801

CEILING VERSUS VISIBILITY

FRUITSHER BAY BUT DET APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0300 #000

CEILING						·	v	ISIBILITY (STA	ATUTE MILE	(S)						
FEET;	≥ 10	≥ 4	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	1°.5	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.7	19.2
≥ 18000 ≥ 16000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 14000 ≥ 12000	17.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 10000 ≥ 9000	21.8	22.5	22.8	22.8	22.8	22.8	22.9	22.8	22.9	22.8	22.8	22.8	22.5	22.8	22.8	22.9
≥ 8000 ≥ 7000	23.3	24.3	24.3	24.¥ 27.1	24.3	24.3	24.3	24.3 27.1	24.3	24.3 27.1	24.3	24.3	24.3	24.3	24.3	24.3 27.1
≥ 6000 ≥ 5000	28 . 1 31 . 6	29.7 33.7	29.8	29.8 34.1	29.8 34.1	29.8	29.8	29.8	29,8	29.8 34.1	29.8 34.1	29.8	29.8	29.8 34.1	34.1	29.8
≥ 4500 ≥ 4000	33.7 91.4	35,8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36,4 45.0	36,4	45.0	36.4	36.4 45.0	36.4 45.0
≥ 3500 ≥ 3000	45.6 53.5	51.0 59.8	51.2	51.8	51.9	51.9	51.9	51.9	51.9	52.3	52.5	52.5	52.5 62.4	52.5	52.5	52.4
≥ 2500 ≥ 2000	58.9 63.6	67.0	74.1	75.6	69.8 76.4	76.6	70.0	70.2	70.2	71.0	71.1	71.1	71.3	71.3 78.2	71.3	71.3
≥ 1800 ≥ 1500	54.3	74.0	75.2	76.7 80.8	77.5	77.7 81.9	78.1	78.3	78.3 93.2	79.3 84.3	79.4	79.4 84.5	79.6	79.6	79.6	79.6
≥ 1200 ≥ 1000	59.8	78.6 90.0	80.8	82.7	86.0	83.8	87.7	85.7	85.1	39.9	90.6	90.0	90.9	90.9	90.9	90.9
≥ 900 ≥ 800	69.9	80.1	82.6	85.1	86.1 86.5	86.2	87.9 88.7	90.1	90.2	90.1	90.7	90.7	91.0	91.0 92.2 92.9	91.0 92.2	91.0
≥ 700 ≥ 600 ≥ 500	70.2 70.2 70.2	80.5	83.5 83.9	85.6 86.0	86.9 87.3 87.7	87.1 87.5 87.9	96.1	90.6 91.4 92.1	90.7 91.7 92.4	91.8	92.6	92.6 93.7 93.6	92.9 94.0 95.9	94.0	92.9 94.0 95.9	92.9 94.0 95.9
≥ 400	10.2	81.2	84.5	86.8	88.1 88.6	88.3	90.7 91.3 91.7	92.8	93.1	95.2	97.0	97.0	97.3	97.3	97.3	97.3
≥ 200	70.2	81.5	84.6	87.2	88.6	88.7	91.8	93.0	94.1	96.7	98.1	98.3	99.0	98.4	98.4	
≥ 00	10.2	81.5	84.6	87.2	88.6	88.7	91.8		94.4	96.7	98.5	98.5	99.3	39. ú		100.0

TOTAL NUMBER OF OBSERVATIONS...

DATA PRUCESSING DIVISION FTAC, USAF ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

16603 FRUSTSHAR BAY HAT DUT APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ០៩៦០-០៤០០

CEILING								ISIBILITY (ST	ATUTE MILE							
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	18.2	18.7	18.9	7	18.9	18.9	18.9	18.9	18.9	18.9		18.9				18.9
≥ 18000 ≥ 16000	19.6	20.3	20.4 20.6	20.4	20.4	20.4	20.4 20.8	20.4	20.4	20.4	20.4 20.8	20.4	20.4		20.4	20.4
≥ 14000 ≥ 12000	20.7	21.4	21.6	21.6	21.6	21.6	21.6	23.3	21.6	21.6	23.3	21.6	21.6	23.3	23.3	21.6
≥ 10000 ≥ 9000	23.3	24.2	24.3	24.3	24.5	24.5	24.3	24.3	24.3	24.3	24.5	24.5	24.3	24.5	24.3	24.3
≥ 8000 ≥ 7000	25.8	26.7 29.5	26.9	26.9	26.9	26.9 29.6	26.9 29.6	20.9	26.9 29.6	26.9	29.6	26.9	26.9	29.6	29.5	26.9 29.6
≥ 6000 ≥ 5000	30.5	31,5	31,7	31.8	31.8	31.8	31.8	31.8 35.6	31.8	31.8 35.8	35.8	31.8 35.8	31.8 35.6	31.8 35.6 36.1	31.8 35.8 38.1	31.8 35.5
≥ 4500 ≥ 4000 ≥ 3500	35,9 41.2 46.1	37.6 43.9 51.2	37,7 44.1 51.8	37.9 44.2 52.7	37.9 44.2 53.0	37.9 44.2 53.0	38.1 44.6 53.6	38.1 44.6 53.6	38 • 1 44 • 6 53 • 9	38.1 44.6 53.9	38.1 44.6 53.9	44.6 53.9		44.6	44.6	44.6 53.9
≥ 3000 ≥ 2500	53.4	59.8	60.9	61.9	02.3	62.3	62.9 72.1	62.9 72.2	63.2	63.4 72.9	63.4	63.4	63.4	63.4	63.4	53.4 72.9
≥ 2000 ≥ 1800	63.6	71.7	73.6	76.5	77.4	77.6 78.4	78.4	76.6	78.8	79.2 80.1	79.2	79.2 80.1	79.2	79.2	79.2 80.1	79.2 80.1
≥ 1500 ≥ 1200	65.5	75.1	77.8 78.8	80.6	83.3	82.2	84.9	84.4	86.2	85.0	85.0		85.3	89.3	65.3	85.3 86.8
≥ 1000	67.6	77.8	80.7	83.9	85.7	85.9	87.6	7 - 1	89.4	90.2	90.3	90.3		91.0		91.0
≥ 800 ≥ 700	68.2 68.3	78.7	81.7	84.8	87.1	86.8	89.7		91.2	92.4	92.6	92.6	93.3	94.4	93.4	93.4
≥ 600 ≥ 500	68.3	79.2		85.8	88.1	88.9	90.7	93.5	94.2	96.1	95.0	96.6	97.7	97.8		, , ,]
≥ 400 ≥ 300 ≥ 200	68,3	79.5	82.8	86.3		89.5			95.1	96.8	97.8	97.8	98.8	99.0	99.0	99.0
≥ 100 ≥ 0	68.3 68.3	79.5	82.8 82.8	86.3 86.3	89.1 89.1	89.5 89.5	93.0	94.8	95.5 95.6	97.5 97.9	98.4 98.4		99.1 99.5		99.4 100.0	

774 TOTAL NUMBER OF OBSERVATIONS

SATA PROCESSING SIVISION ETAL, USAF ASHEVILLE, .. C. 28801

CEILING VERSUS VISIBILITY

166.33 Exilativity & AV MART TELT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-03%641700

CEILING							٧	ISIBILITY (ST	ATUTE MILE	(S)				-		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.6	20.0	20,1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 18000 ≥ 16000	21.7	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
≥ 14000 ≥ 12000	22.8	23.5	23.7	23.7	23.7 25.8	23.7	23.7	23.7	23.7 25.8	23.7	23.7	23.7	23.7 25.8	23.7	23.7	23.7
≥ 10000 ≥ 9000	25.9 26.1	26.0	27.0	27.1	27.1	27.1 27.2	27.1	27.1 27.2	27.1	27.1	27.1	27.1	27.1 27.2	27.1 27.2	27.1	27.1
≥ 8000 ≥ 7000	29.3 31.5	29.9 32.3	30.3	30.5 32.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5 32.8	30.5	30.5	
≥ 6000 ≥ 5000	34.3	35.2	35.6	35.7	35.7	35.7	41.2	35.7	35.7	35.7	35.7	35.7	35.7 41.2	35.7	35.7	35.7
≥ 4500 ≥ 4000	41.0	42.0	43.0	43.1	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5 50.5	43.5	43.5	43,5
≥ 3500 ≥ 3000	51.9	55.5	56.1 65.3	56.6 66.1	57.2 67.1	57.2	57.3 67.9	57.3	57.3 68.0	57.3	57.3 68.0	57.3	57.3	57.3 68.0	57.3	
≥ 2500 ≥ 2000	64.3	49.9 73.4	71.2 77.0	73.0	74.1 61.2	74.5 81.7	74.8 82.1	75.0 82.6	75.0	75.0 82.6	75.0	75.0	75.0 82.6	75.0	75.0	
≥ 1800 ≥ 1500	70.5	75.0	77.3 78.8	79.7 81.5	81.4	81.9 83.9	82.3 84.5	82.8 85.2	82.8 85.4	82.4	82.8	85.5	82.8 85.7	82.8		
≥ 1200 ≥ 1000	71 • 1 72 • 0	77.9 80.1	79.9		84.8	85.3 88.4	85.9 89.8	80.7	87.0 91.1	87.2 92.1	87,2	87.2	87.4 92.8	87.4 92.8	87.4 92.9	1
≥ 900 ≥ 800	73.3 73.4	RU.4	83.0		88.1	88.6 89.4	90.1	91.1		92.4	92.9	92.9		93.2	93.3	1
≥ 700 ≥ 600	73.4 73.4	81.2 81.3	83.9		1	89.9 90.2	91.6	92.6		94.7	95.6 96.0		- 1	95.9	96.4	96.0
≥ 500 ≥ 400	73.5 73.5	81.7	84.4	87.5		90.8	92.8 92.9	93.8	94.2	96.1	97.0 97.3	97.0	• •	97.7		97.8
≥ 300 ≥ 200	73.5 73.5	81.8	84.5	87.7 87.9	90.5	91.2		94.3	94.7	96.6	97.7	97.7	98.3	96.3	98.5	99.5
≥ 100 ≥ 0	73.5 73.5		84.6 84.6		90.7			95.4	95.7	97.7 97.7	98.7 98.7		99.4		99.5	99.5

NATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, ... C. 288C1

CEILING VERSUS VISIBILITY

16613 EHBESHER BAY STATION HAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400 ROURS (L.S.T.)

CEIUNG							v	ISIBILITY ST	ATUTE MILE	Si						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3 26.3	24.3	24.3
≥ 18000 ≥ 16000	25.9	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3. 27.0	26.3	26.3	26.3	26.3 27.0	26,3	1	26.3
≥ 14000 ≥ 12000	27.5	27.7	27.9	27.9	27.9	21.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 10000 ≥ 9000	30.1 30.3	30.7	30.6	30.6 30.8	30.6	30.6 30.8	30.6	30.6 30.8	30.6 30.8	30.6 30.6	30.6 30.8	30.6 30.8	30.6	30.6 30.8	30.6 30.8	30.6
≥ 8000 ≥ 7000	32.5 35.1	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2 35.1	33.2	33.2 35.1	33.2 35.1	33,2	33,2 35,1	33.2	33.2
≥ 6000 ≥ 5000	36.0	37,0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 4500 ≥ 4000	43.7	44,9 51al	45.0	45.2	45.2	45.2	45.2 52.0	45.2	45.2	45.3 52.3	45.3	45.3	45.3 52.4	45.3 52.4		45.3
≥ 3500 ≥ 3000	54.1	56.5	57.0	57.3	57.4	57.5	57.8	57.9 70.1	57.9 70.1	58.1 70.2	58.7 70.3	58.2 70.3	58.2 70.5	58.2 70.5	54.2 70.5	58 . Z
≥ 2500 ≥ 2000	08.4 72.8	73.2	74.6	75.4 81.0	75.9 81.8	76.3 82.3	76.6 83.1	76.9	76.9 83.5	77.0	77.5 84.3	77.5 84.3	77.8 84.5	77.8	77.8 84.5	77.8
≥ 1800 ≥ 1500	72.8	78.5	80.1 81.8	81.3	83.9	82.6	83.4 85.7	83.7 80.2	83.7	84.0	84,5	84.5	84.8	87.7	84.8 87.7	84.8
≥ 1200 ≥ 1000	75.0 76.9	80.8		84.0	84.8	85.3	86.6	90.2	87.2	87.7 92.1	88.4 92.9	92.9	88,8 93.4	93.4	88.8 93.4	93.8
≥ 900 ≥ 800	76.9 77.2	83.1	84.9	80.3	87.2 87.7	87.7 88.3	89.4	90.3	91.0	92.3	93.2 94.1	93.2	93.7	93,7	93.7	94.1
≥ 700 ≥ 600	77.3 77.3	84.0	1 1 1 1	87.2	88.1	88.9	90.7		92.3	93.5	94.8 95.1	94.8	95.5	95.5	95.5 95.7	96.3
≥ 500 ≥ 400	77.3 77.3	84.1	86.1	97.6 87.6	88.6	89.2	91.4	92.4	93.0	95.2	96.5 96.8	96.8	97.3	97.5	97.3	98.1
≥ 300 ≥ 200	77.4	84.5	87.2	88.9	90.1	90.6	92.0	93.0	93.7	95.9	97.2 98.3	97.2	97.9	97.9	99.4	99.9
≥ 100 ≥ 0	77.4	85.3	87.2 87.2	88.9		90.6	93.2	94.2	94.8	97.2	98.5 98.5	98.5	99,5	99.5	99.5	100 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS 775

DATA PRICESSING DIVISION BIAG, USAF ASHEVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

16602 FRUBISHER DAY DUT APT 42-50

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 m1,700

CEILING					_		v	ISIBILITY IST	ATUTE MILE	:S>						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5.16	≥ %	≥ 0
NO CEILING ≥ 20000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24,1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 18000 ≥ 16000	25 B	25.9	25,9	25.9 26.1	25.9 26.1	25.9	25.9	25.9 26.1	25.9	25.9	25.9	25.9	25.9 26.1	25.9 26.1	25.9	25.9 20.1
≥ 14000 ≥ 12000	27.9	28.0	28.0	28.0	28.0 29.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	
≥ 10000 ≥ 9000	30.1	30.2	30.2	30.2	30.2	30.2 31.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2 31.1	30.2 31.1	30.2 31.1	30.2
≥ 8000 ≥ 7000	32.9	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2 35.7	33,2 35,7	33.2	
≥ 6000 ≥ 5000	36.9	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7 43.2	37.7	37.7	37.7	37.7	37.7	1 1
≥ 4500 ≥ 4000	43.5	44.5	44.8 50.3	44.8 50.3	45.0	45.0	45.0	45.0	45.0	45.4	45.4	45.4	45,4 51.0	45.4	45,4	45.4
≥ 3500 ≥ 3000	54.8	56.3	57.0 68.5		57.4	57.4	57.4	57.4 68.9	57.4	57.8	57.8	57.8	57.8 69.3	57.8	57.8	
≥ 2500 ≥ 2000	12.9	72.5	75.C	75.5 81.5	75.9	76.3	76.3	76.3 83.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	77.0
≥ 1800 ≥ 1500	73.3 75.5	77.7 50.4	80.8	81.9 84.9	82,6	83.4	83.6	83.6	83.6 88.0		84.0	84.0		84.0	84.0	84.4
≥ 1200 ≥ 1000	76.1	31.2	84.5	85.7	87.2	88.1 90.5	88.8		89.2 92.8	89.5	89.5	89.5	89.7	89.7	89.7	
≥ 900 ≥ 800	17.7	83.4	86.7		89,8	90.7	91.7	92.3	93.0	93.7		93.7	93.9		93.9	
≥ 700 ≥ 600	77.8 77.8	93.0	87.4			91.5	92.6		93.9	95.1 95.2	95.2		95.5 95.7	95.5		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
≥ 500 ≥ 400	75 • 1 78 • 1	84.0			91.4	92.3	93.4	93.9	94.7		97.2			97.9		98.7
≥ 300 ≥ 200	78 . 1 78 . 2			89.4	91.6	92.5		94.2		97.2	97.4	•	98.5 98.8	98.5	•	99.2
≥ 100 ≥ 0	78.2 78.2	-	88.4 88.4	89.8	92.0		94.1	94.7	95.5 95.5		98.2 98.2	_	99.2		-	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 775

PATA PRICESSING GIVISION FTACA USAF ASHEVILLE, .. C. 28601

16603 ERIBISTEE SAY MAT DILT ART

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 300 - 3000

CEL-NG							v	ISIBILITY :ST	ATUIE MILE	S.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5.8	دا خ	≥ 5 16	≥ '4	≥ 0
NO CEILING ≥ 20000	27.4					= = =			22 . R 26 . D	22.8	22.5 26.0	22.8			22.5	22.0
≥ 18000 ≥ 16000	25.9	26.2	26.2	26.2	26.2	26.2 26.8	26.2	26.2 26.8	26.2	26.2	26.8	26.2 26.8			25.2	71
≥ 14000 ≥ 12000	27.4	27.8	27.8	27.8	27.8 28.7	27.6 28.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8 28.7	27.R	27.8 28.7
≥ 10000 ≥ 9000	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7 31.5	30.7	30.7	30.7	30.7	30.7 31.5	30.7	
≥ 8000 ≥ 7000	32.2	32.7	32.7	32.5	32.8	32.8	32.8	32.8 35.2	32.8 35.2	32.8	32.8 35.2	32.8	35.2	32.6	37.8 35.2	
≥ 6000 ≥ 5000	37.5 41.9	38.5	38.5	38,6	38.6	34,6	38.6	38.6	38.0 43.4	38.6	38.0 43.4	38.0		38.6 43.4	55.6 43.4	
≥ 4500 ≥ 4000	43.2	44.2 51.0	44.6 51.4	44.8 51.7	44.9 52.1	44.9 52.2	44.9 52.2	44.9 52.2	44.9 52.2	45.0 52.4	45.0	45.0 52.4			45.3	45.3
≥ 3500 ≥ 3000	51.5		56.3 65.6		57.1 67.1	57.2	57.2 67.2	57.2	57.2 67.2	57.3 67.3	57.3	57.3		- 1		57.6
≥ 2500 ≥ 2000	10.1	76.3	71.4	72.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6 83.9	73.5			13.9	73.9 84.1
≥ 1800 ≥ 1500	70.6			84.3		86.6	84.0 87.1	94.0 87.1	84.1 87.3				87.7	87.9	87.9	77.9
≥ 1200 ≥ 1000	13.0	79.9	83.1 84.4	1		88.1 89.6	88.8		89.0 92.0		93.0	93.0	93.3	93.7	93.7	59.6 93.7
≥ 900 ≥ 800	13.9	51.0 81.4		86.9			92.0		92.1 92.8		94.0	94.0	94.2	94.6	93.R	94.6
≥ 700 ≥ 600	74.0	81.4		87.3	90.0			92.7	92.9	94.6	95.0	95.0	95.3	95.7	95.1 95.7	75.9
≥ 500 ≥ 400	74.1	41.9	85.2	1		90.6	92.5	93.6	93.5		96.7	95.8	97.2	97.0		97.9
≥ 300 ≥ 200	74.3				91.2 91.3	91.7		94.4	94.9	96.9	97.8		98.0	99.0		99.5
≥ 100 ≥ 0	74.3	82.4	86.0	1	91.6	92.0		94.8	95.3	97.2	98.2	98.2	99.0			99,9 100.0

TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING DIVISION ETACA USAF ASHLYILLEA ... C. KARDI

CEILING VERSUS VISIBILITY

166 13 Finite Series AV 15 Tation Maire PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~ 186643400

MONTH

CELLING							٧	ISIBILITY -ST	ATUTE MILE	S						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 5.8	≥ %	≥ 5 16	≥ '4	≥ 0
NO CEUNG ≥ 20000	20.7	71.1	21.1	21.1	21.1	?1.1 22.7	21.1		21.1	21.1	21.1	71.1	21.1	21.1 22.7	21.1	21.1 22.1
≥ 18000 ≥ 16000	22.2	22.7	22.7			22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 14000 ≥ 12000	22.6	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 10000 ≥ 9000	25.4	25.9	25.9	25.9	25.9	25.9 26.2	25.9	75.9 26.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 8000 ≥ 7000	26.6	27.4 30.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4 30.2	27.4 30.2	27.4	27.4	27.4 30.2
≥ 6000 ≥ 5000	33,0 36.6	34.1	34.1 38.0	34.1 38.1	34.1	34.1	34,1	34.1	34.1	34.1	34.1	34.1 38.4	34 . 1 35 . 4	34.1	34.1	34.1
≥ 4500 ≥ 4000	39.3	47.0	41.3	,	41.5	41.8 48.1	41.9	41.8	41.8 48.1	41.5 48.1	42.0 48.3	42.1	47.2 48.5	42.2 48.5	42.2	42.2
≥ 3500 ≥ 3000	49.2 57.0	52.5	52.9	53.3		53.7	53.7	53.7 53.1	53.7	53.7 63.1	53.9 63.2	54.0 63.4	54.1 63.5	54.1 63.5	54.1 63.5	54.1
≥ 2500 ≥ 2000	01.2	74.2					69.5 79.8		69.5	79.9	69.7 80.3	69.8	69.9 80.6		50.6	69.9
≥ 1800 ≥ 1500	67,6		77.5 80.1			80.3	80.3 84.5	80.5 84.8	80.5 84.8	80.5		81.1 85.6	81.3 85.8	81.3	81.3	81.3 85.8
≥ 1200 ≥ 1000	39.8 70.7			82.6		86.6	85.6 88.4		85.8 89.0	86.0		86.6 90.6	86.9 91.4		91.4	96.9 91.6
≥ 900 ≥ 800	70.7	79.1	82.4 83.0					89.4	90.2		91.7	91.0	92.5	92.8	92.5	92 • 0 92 • 6
≥ 700 ≥ 600	71.5	79.0 80.5	83.2		88.1	88.6		91.0 91.8	91.8	93.0	94.0	94.1	94.9	95.1	94.1	
≥ 500 ≥ 400	71.5	80.0	84.1	86.4	84,6	99.2		92.5		94.3	95.5	95.5	96.4		96.5	96.9
≥ 300 ≥ 200	71.5		-			90.0	92.8	93.2	93.6		96,5	90.3	97.5	97.7	97.A	70.7
≥ 100 ≥ 0	71.7					90.1		93.6	1		96.8 96.8	96.9				99.7 100.0

TOTAL NUMBER OF OBSERVATIONS.

MATA PROCESSING DIVISION ETAG, USAF ASHEMILLE, ~, G, 288 I

CEILING VERSUS VISIBILITY

166-3 FS. THISTIER DAY STATES APT 42-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CERING	•						VI	SIPILITY ST	ATUTE MILE	S1						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5, 16	≥ '4	≥ 0
NO CEILING ≥ 20000	22.3	20.7	20.7		20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7 22.6	70.7 22.6
≥ 18000 ≥ 16000	22.6	22.7 22.8	22.7		22.7		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	72.7
≥ 14000 ≥ 12000	22.6	22.5	22.8	22.8	22.8		22.5		22.8 23.9	22.8	22.5	22.8	22.8	22.6	22.8	72.8 23.9
≥ 10000 ≥ 9000	26.7	25.0	25.0	25.0 25.5	25.0 25.5	25.0 25.5	25.5	25.0 25.5	25.0 25.5	25.0	25.0	25.5	25.0 25.5	25,0 25,5	25.0 25.5	25.d
≥ 8000 ≥ 7000	24.7	27.0					27.0		27.0	27.0	27.0	27.0	27.0	27.G	27.0	27.0
≥ 6000 ≥ 5000	32.6 48.2	33.2	33.2	33.2	33.2	33.2 39.1	33.2		33.2	33.2		33.2	33,2	33.2 39.1	33,2 39,1	13.Z
≥ 4500 ≥ 4000	34.7 45.1	41.0		41.0	41.0 46.6	41.0			41.0	41.0	41.0	41.0	41.0		41.0 46.6	41.0
≥ 3500 ≥ 3000	48.2	49.8 58.1	49.8 58.2	49.8 58.3	49.9 58.5	49.9 58.5			49.9	49.9	49.9 58.9	49.9	49.9	49.9		49.9
≥ 2500 ≥ 2000	67.6	60.2 74.∪			67.4	67.4	67.4	67.4	67.4	67.8		57.8 76.9	67.8		67.8	67.8
≥ 1800 ≥ 1500	70.0 73.6	74.9 79.7			77.3 82.6	1				77.8	77.A 83.6	77.8 83.6	77.8 63.6		77.8 83.6	77.8
≥ 1200 ≥ 1000	75.2 17.2	31.4 24.1	62.8 85.8	83.6 86.6	84.4 87.6		84.5 87.7		84.8	85.2	85,3 88,7	85.3 88.7	85,3			*5.3 88.9
≥ 900 ≥ 800	77.6	84.0 85.4	86.4 87.2		88.1 90.1		88.3						89.6 92.5			89.0 72.5
≥ 700 ≥ 600	78.0 70.0	85.0	-		90.5		90.7		90.9	92.5			93.2			93.2 93.3
≥ 500 ≥ 400	78.2	86.6 37.0	88.3 89.2	99.6	91.6 92.3		91.9		92.3	94.3			94.9			95.0
≥ 300 ≥ 200	78.8 79.0	87.3	89.9 90.1		93.2		93.6		94.0	96.1			96.8			97•1 97•9
≥ 100 ≥ 0		87.6 87.0		91.7		93.9	94.5	1	95.2	97.6	98.1 98.1	98.1 98.1	98.5		99.1	

TOTAL NUMBER OF OBSERVATIONS ____

DATA PROCESSING MIVISION FTAL, USAF ASHEVILLE, A. C. 28801

CEILING VERSUS VISIBILITY

166.3 ENCHISITE LAY STATION NAME 42-50 PERCENTAGE FREQUENCY OF OCCURRENCE

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CE. NO								21817114 21	ATUTE MILE	:51						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5,8	≥ %	≥ 5 16	≥ '4	≥ 0
NC CEUNG ≥ 20000	19.2	18.2	18.2	18.2	18.2 20.2		18.2 20.2	18.2	18.2	18.3	18.3	10.3	18.3 20.3	18.3	1	13.
≥ 18000 ≥ 16000	20.2	20.2	20.2		20.2	20.2		20.2	20.2	20.3	20.3 20.8	20.3	20.3	20.3	20.3	20.3
≥ 14000 ≥ 12000	20 · H	20.8	20.8		20.F	20.8	20.8	20.8	20.8	21.0						21.0
≥ 10000 ≥ 9000	23.0		23,0		23.0	23.0			23.0	23.i	23.1	23.1	23,1	23.1	23.1	23.
≥ 8000 ≥ 7000	24.8	24.8	24.5	24.8	24.8	24.8		24.8	24.8		25.0		25.0	25.0	25.0	25,
≥ 6000 ≥ 5000	31.0		-	31.4		31.4	31.4	31.4			31.5		31.5		31.5	
≥ 4500 ≥ 4000		39.3 45.4	39.3	39,3					39.3	39.4	39.4	39.4	39.4	ļ		39.
≥ 3500 ≥ 3000	46.9	48.1	48.1		48.2	48.2	48.2	48.2		48.3		48.3	48.3	46.3	48.3	48.
≥ 2500 ≥ 2000	01.1	63.7	63.7	64.1	64,6	64.6	64.6	64.6	64.6	65.0	65.0	65.0	65.2	65.2		45.
≥ 1800 ≥ 1500	59.0	71.7	72.5	72.9	73.7	74.7	74.0	74.0	74.0	74.5	74.0	74.0	75.0	75.0	75.0	75.
≥ 1200 ≥ 1000	71.8	77.7		79.0	79.8	79.8	80.2	80.2	60.2		81.0	81.0	81.4	H1.4	1	8 J .
≥ 900 ≥ 800	15.2	31.5	92.4		84.0	84.0	84.5		84.2	85.7		86.0	86.6	86.6	46.8	86.
≥ 700 ≥ 600	76.4	82.5	84.1		86.8	86.9	87.4	88.0		89.1	89.3	89.3	90.1	90.1		70.
≥ 500 ≥ 400	77.3	84.1		86.5	88.5	1	89.5	90.0	90.0	91.7	92.0	92.0	93.1	91.1		93.
≥ 300 ≥ 200		84.9	86.6	87.7	90.3	90.8	90.7	1	92.3		94.7	94.7		96.0		
≥ 100 ≥ 0	77.7 77.7		87.0 87.0			91.0 92.0 92.0	93.2	93.9 93.9	93.9	96.4 96.4	96.1 97.3	90.1 97.3	97.3 98.8 98.9		97.6 99.1	99.

(FROM HOURLY OBSERVATIONS)

VICIBILITY STATUTE AND EST

TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING DIVISION ATAC, USAF ASHEVILLE, .. C. 28801

CEILING VERSUS VISIBILITY

166 3 FATTON TAME T APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEUNG						_	V	SIBILITY (ST.	ATUTE MILE	S.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	14.7	18.8	18.8		18.8		18.6	18.8	18.E	19.0	19.0	19.0	1	19.0	19.1	19.1
≥ 18000 ≥ 16000	19,9	20.0	20.0	20.0	20.0	20.0 20.4	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20,2	20.3	20.3
≥ 14000 ≥ 12000	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.4	21.4	21.4	21.4	21.4	21.5	21.5
≥ 10000 ≥ 9 000	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6 24.8	24.6 24.8	24.7 25.0		24.7	24.7 25.0	24.7	24. R 25.1	24.8
≥ 8000 ≥ 7000	20.7	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.4 29.8	27.4	27.4	27.4	27.4	27.5	27.5
≥ 6000 ≥ 5000	31.5	32.2	32.3	32.3 35.5	32.3	32.3	32.3	32.3	32.3	32.4	32,4	32.4	32.4	32.4	32.6	32.6
≥ 4500 ≥ 4000	36.8 42.2	37.5	37.8	37.8	37.8	37.8	37.5	37.8	37.8	37.9	37.7	37.9	37.9	37.9 43.5	38.1	38.1
≥ 3500 ≥ 3000	45.7	50.7	47.0	47.0 57.0	47.0 57.1	47.1 57.3	47.1 57.3	47.1 57.3	47.1 57.3	47.3 57.4	47.3 57.5	47.3 57.5	47.3 57.5	57.5	47.4 57.7	47.4 57.7
≥ 2500 ≥ 2000		69.0	70.2		70.5		70.8		70.8	63.3	71.3	71.4	63.4	7107	63.6 71.8	63.6
≥ 1800 ≥ 1500	(7,7 71.3	70.0	71.3	71.3	71.6 77.3		71.8		71.6	72.4	72.5	72.3	72.8	72.9	73.0	73.0 78.8
≥ 1200 ≥ 1000	72.4	70.9			78.5 84.1				78.8 85.0	79.4		79.6	86.9	87.0	80.1 87.2	87.2
≥ 900 ≥ 800	76.0 17.2	83.4	83.3	85.7	84.2			87.7	85.2	89.3		89.6	97.Z	90.3	90.4	
≥ 700 ≥ 600	77.7	14.4			88.4	88.5	88,4	89.6	89.9	90.4	91.7	91.7		92.4	91.5	تعقع
≥ 500 ≥ 400	78.4 78.6	80.0	88.3	89.2	90.7	90.6	91.7	92.5	92.8	94.3	94,7	94,7	94.0		95.6	95.7
≥ 300 ≥ 200	78.6 78.6	86.2	88,4	69.9	91.5	91.7	93.2		93.5	95.5	98.0	98.0	96,4	98.8		99.1
≥ 100 ≥ 0	78.6 78.6		88.7 88.7			91.7					98.4				99.7	

TOTAL NUMBER OF OBSERVATIONS____

USAF ETAC FORM C-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

749

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16617 ENTINES THE MAY STATION WATER PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 0200-1100

CEILING							v	SIBILITY ST.	ATUIE MILE	S,						
FEET-	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000 ≥ 16000	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
≥ 14000 ≥ 12000	24.0	24.1	24.1	24.1	24.1	24.1	24.1	74.1 26.7	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 10000 ≥ 9000	29.5	29.1	29.1	29.1	29.1	29.1	29.1 29.6	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 8000 ≥ 7000	31,3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31,7	31.7	31,7	31.7	31.7
≥ 6000 ≥ 5000	36.3	36,8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36,8	36.8	36.5	30.8	36,8	36.6
≥ 4500 ≥ 4000	44.1	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9 50.4	44.9	44.9
≥ 3500 ≥ 3000	53.1	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 2500 ≥ 2000	66.3	75.0	67.7	67.9	68.0	68.0	76.1	76.1	68.0 76.1	68.0	68.0 76.1	68.0	68.0 76.1	68.0	68.0	
≥ 1800 ≥ 1500	73.2	70.1	76,4	76.5	76.7	76.7	76.7	70.7	76.7	76.7	76.7 82.5	76.7	76.7	76.7	76.7	76.7
≥ 1200 ≥ 1000	77.3	B1.5	85.3	82.8	83.3 86.9	83.3	87.5	83.9	83.9	84.0	84.0 85.0	84,3	84,3	84.4	84.4	84.4
≥ 900 ≥ 800	80.9	84.4	86.1	87.1	87.7	87.7	88.3	88.4	88.4	90.3	90.5	89.1 90.8	90.9	91.2	99.3	91.2
≥ 700 ≥ 600	81.5	80.3	88.0 88.R	90.0	90.1	90.1	90.9	91.2	91.2	91.9	92.0	92.3	92,4	92.7	92.7	92.1
≥ 500 ≥ 400	62.0 62.1	87.7	89.6 89.7	90.8	92.0	92.1	93.2	93.6	93.6	94.4	94.5	94.8	95.2	95.5	95.9	
≥ 300 ≥ 200	82.3	88.3	90.1	91.3	92.5	92.7	94.0	94.5	94.5	95.6	95.9	90.1	96.7	90.9	97.3	
≥ 100 ≥ 0	82.3	88.7	90.5	92.0		93.3	94.8	95.5	95.6	97.2	97.0	97.9	. • •	99.3	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS__

GATA PROCESSING DIVISION ITAC, USAF ASHEVILLE, ... C. 88601

CEILING VERSUS VISIBILITY

16613 Enth Shikin DAY HAT DELT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1 %%\$ ~ } 4 00

CEILING						_	· · · · ·	ISIBILITY IST	ATUTE MILE	:S)				-	-	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5; 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.9	27.9	27.9	27.9	27.9		27.9	27.9	27.9	27.9 2 9. 7	27.9	27.9		27.9		
≥ 18000 ≥ 16000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7 30.5	29.7	27.7	29.7
≥ 14000 ≥ 12000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32,3	32.3	32.3	32,3		
≥ 10000 ≥ 9000	37.3	37.5	37.5	37.6	37.6 38.3	37.6	37.6 38.3	37.6	37.6	37.6 38.3	37.6	37.6	37.6 38.3	37.6	37.6 38.3	37.0
≥ 8000 ≥ 7000	40.8	40.9	40.9	4:01	41.1	41.1	41.1	41.1 63.7	41.1	41.1	41.1 43.7	41.1	41.1	41.1 43.7	41.1	41.1
≥ 6000 ≥ 5000	47.1	47.2	47.2	47.3	47.3 52.8	47.3 52.8	47.3			47.3 52.8	- (47.3	47.3 52.8	47.3 52.8
≥ 4500 ≥ 4000	53,7 56.5	54.1	54.1	54.3	54.3 57.1	54.3	54.3 57.1	54.3	54.3 57.1	54.3 57.1	54.3 57.1	54.3 57.1	54.3	54.3 57.1	54.3 57.1	54.3 57.1
≥ 3500 ≥ 3000	59.6 67.9	60.1 68.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3		60.3	60.3	60.3	60.3	67.3	40.3 68.8
≥ 2500 ≥ 2000	75.5 79.9	76.9 82.1	76.9 82.4			77.2 82.9	77.2 83.3		77.2 83.3		77.2	77.2	77.2 83.3	77.2 83.3	77.2 83.3	77.2
≥ 1800 ≥ 1500	80.1 82.4	82.4	82.7	83.1	83.2	83.2	83.6 87.9		83.6			83.6 88.1			83.6 88.1	
≥ 1200 ≥ 1000	45.5	87.2 89.0	87,9 91.1		• ".		90.0		90.0	90.3 94.1	90.3	90.3	90.3 94.4	90.3	90.3	90.3
≥ 900 ≥ 800	85.6	90.0	91.6			94.7			94.1	94.8 96.1			95.1 96.5		95.1	95.1
≥ 700 ≥ 600	86.5	91.1		93.5	94.9		95.6	95.6	93.6	96.4	96.5		96.8	96.8	96.8	
≥ 500 ≥ 400	86.7 86.7	91.4	93.5	94.5	95,9		96,5	96.7	96.8	97.7	97.7 98.0	98.0	95,4	98,4		
≥ 300 ≥ 200	86.7	92.4	94.0	95.1	96.5	90.5		97.6	97.7	98.8	98.7	99.1	99.5	99.5	99.5	99.5
≥ 100 ≥ 0			94.0		96.7											

750 TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC $_{\text{JUL 64}}^{\text{FORM}} = 0.14.5$ (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRICESSING DIVINION ETAL, MAAF ASHEVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

16613 FRUBISHER BAY BAT OUT APT

42-50

1560-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE , ING							v	ISIBILITY -ST	ATUTE MILE	S.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2¦7	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5.8	≥ %	≥ 5 16	≥ ¼	≥ 0
NG CEILING ≥ 20000	28.4 31.1	28.4	28,7	28.7	28.7	28,7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	26.7 31.4	28.7 31.4	28.7
≥ 18000 ≥ 16000	31.1	31.1	31.4	31.6	31.4	31.4	31.4	31.4	31.4	31.4	31.4 31.5	31.4	31.4	31.4 31.5	31.4	31.4
≥ 14000 ≥ 12000	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	37.4	32.4	32,4	32.4	32,4	32,4	32.4	32.4
≥ 10000 ≥ 9000	35.8	35.8	36.7	36.0 36.7	36.0 36.7	30.0	36.0	30.0	36.0 36.7	36.0	36.0 36.7	36.0 36.7	36.0	36.0	36.0 36.7	36.0
≥ 8000 ≥ 7000	39.9 42.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	4	40.7	40.2
≥ 6000 ≥ 5000	46.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5 51.6	47.5 51.8	47.5 51.8	47.5	47.5	47.5	47.5	47.5
≥ 4500 ≥ 4000	50.0	53.0	53.3	53.3	53.3	53.3 57.7	53.3 57.7	53.3 57.7	53.3	53.3	53.3 57.7	53.3	53.3	53.3 57.7	53.3 57.7	53.3
≥ 3500 ≥ 3000	61.4 50.4	62.2	70.0	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 250G ≥ 2000	76.5 82.6	78.0	78.9		79.0	79.2		79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79. A
≥ 1800 ≥ 1500	67.8	84.6	85.6 89.1	85.7	85.8	89.0	86.1	86.1 89.6	86.1	86.2	86.2	86.2	86,2		86.2	86.2 89.7
≥ 1200 ≥ 1000	86.4 67.0		90,5	90.7	90,9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3		91.3	91.3
≥ 900 ≥ 800	87.2 87.6	34.3		93.1	93.5	93.7	94.3	94.3	94.3	94.7		94.7	94.7	94.8	94.8	94.8
≥ 700 ≥ 600	58.3 88.8		93.9	94.4		95.1	95.6	95.6	95.6			96.3	96.5		96.7	
≥ 500 ≥ 400	88.9 88.9		94.9		96.5	97.1	97.6	97.7	97.7		98.4	98.4	98.8	98.9	98.9	
≥ 300 ≥ 200	84.9	92.5	95.1	95.7	96.8	97.3		98.0		98.7		98.7	99.1			99.2
≥ 100 ≥ 0		92.3				97.6	98.1	98.3		99.2				99.7		100.0

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, 2. C. 28601

CEILING VERSUS VISIBILITY

TENTH SHER SAY MAT APT

-1400-3000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

								ISIBILITY (ST	ATUTE MILE	:Si						
CERING FEET																
FEEL.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CERING ≥ 20000	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.
≥ 18000 ≥ 16000	27.2	27.2 27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.
≥ 14000 ≥ 12000	28 · 1 29 · 6	28.1	28.3	28.3	28.3	28.3 29.7	28.3	28.3	28.3	28.3	28.3 29.7	28.3	28.3	28.3	28.3	28.
≥ 10000 ≥ 9000	31.1 31.9	31.1	31.2	31.2 32.0	31.2	31.2	31.2	31.2	31.2	31.2 32.0	31.2 32.0	31.2	31.2	31.2 32.0	31.2	31.
≥ 8000 ≥ 7000	35.5 38.7	35.0	39,7	35.7	35.7 39.1	35.7 39.1	35.7	35.7 39.1	35.7	35.7	35.7	35.7 39.1	35.7 39.1	35.7 39.1	35.7	35. 39.
≥ 6000 ≥ 5000	42.4 48.0	43.1	43.2	43.2	43,2 48,8	43.2	43.2	43.2	43.2	43.2 48.8	43.2 48.8	43.2	43.2	43.2 48.8	43.2	43. 48.
≥ 4500 ≥ 4000	49.3	50.0 56.d	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50.1	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50.1 54.9	50. 54.
≥ 3500 ≥ 3000	58.5 70.0	59.2 70.7	59.3 70.8	59.3 71.1	59.3 71.2	59.3 71.2	59.3 71.2	59.3 71.2	59.3 71.2	59.3 71.2	59.3 71.2	59.3 71.2		59.3 71.3	59.3	59. 71.
≥ 2500 ≥ 2000	77.2	78.3	78.4 85.2	78.7 65.6	78.8 85.9	78.8 85.9	76.8	78.8	78.8	78.8	75.8 86.0	78.8		78,9 86.1	78.9 86.1	78. 80.
≥ 1800 ≥ 1500	83.9 84.0	25.5 88.1	85,9	86.4		86.7 90.0	56.7 90.1	86.7 90.1	86.7 90.1	86.6	86.8 90.4	86.8			90.5	_
≥ 1200 ≥ 1000	85.8 37.7	89.1 90.3	89.7 91.6	90.4		91.1	91.2 93.3	91.2	91.2	91.5	91.5	91.5			91.6	
≥ 900 ≥ 800	87.9 88.3	90.4	91.7 92.1	92.7	93.3	93.3	93.5	93.5	93.5	94.0	94.0	94.9	94.1	94.1	94.1	94. 95.
≥ 700 ≥ 600	69.5	91.1	92.4	93.6	94.4	94.4	95.1	94.7	94.7	95.2	95.2 95.7	95.2	95.7		95.7	
≥ 500 ≥ 400	30.1	91.7	93.3 93.5	94.5	95.6	95.5	96.1 96.4	96.3	96.3 96.8	96.9	96.9			98.0	97.6	97.
≥ 300 ≥ 200	59.1 59.1	91.7	93.6	94.8			96.7	97.1	97.1 97.2	97.7	98.0	97.7	98.3	98.5	98.4	
≥ 100 ≥ 0	89.1	91.7	93.7	94.9	1	96.0			97.2 97.2	1	98.5 98.5	98.5			99.0	

TOTAL NUMBER OF OBSERVATIONS_

BATA PRUCESSING DIVI-IDS ETAC, USAF ASHEVILLE, 4. C. 28601

CEILING VERSUS VISIBILITY

16613 EXCHISHER DAY NET DUT APT

-319843300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		-	-				.,	I CORPUTATION AS	A \$1,450 A 400 5							
CE. NG FEET							_ ·	ISIBILITY ST	A:UIE MILE	:5						
!	≥ 10	2 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ ¾	≥ 5.8	ב' ≤	≥ 5 16	≥ \	≥ 0
NO CELING	24.8	24.5	24.8	24.6	24.8	24.8	24,8	74.8	24.8	24.8	24.6	24.8	24.R	24.8	24.8	24.8
≥ 20000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 18000 ≥ 16000	27.5	27.5	27.5		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 14000	29.2	28.2	28.2		28.2		28.2	28.2	28.2	28.2	25.2		28.2	28.2	28.2	28.2
≥ 12000	29.0	29.0	29.0	وموثا	29.0			29.0			29.0		•	29.0		29.0
≥ :0000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 9000	30.6	30.0	30.6	30.0	30.6	30.6	30.6	30.6	30.6	30.6	30.5	30.0	30.6	30.6	30.6	30.6
≥ 8000 ≥ 7000	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33,4	33.4	33.4	33.4		33.4
≥ 6000	39.5	40.5	40.6	40.6	40.6	40.6	40.6	417.6	40.6	40.6	40.6		_	40.6	40.6	40.6
≥ 5000	43.7	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 4500 ≥ 4000	45.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7 52.7	47.7	47.7	47.7
≥ 3500	54.7	56.9	57.0	57.0	37.0	57.0	57.0	57.0	37.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 3000	63.7	66.0	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.6	66.6		1	66.6		66.6
≥ 2500	70.0	73.0	73.4	73.4	73.4	73.4	73.0	73.0	73.6	73.6	73.8	73.8		73.8	73.8	73.8
≥ 2000	77.2	81.4	82.5	82.9	83.0	83.0	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800 ≥ 1500	78.1	82.4	63.4	83.6	84.0	84.0	84.1	84.2	64.2	84.5	84.5	84.5	84.5	R4.5	84.5	84.5
	90.6	80.1	87.6		88.5	88.5	88.8				89.2				89.Z	89.2
≥ 1200 ≥ 1000	61.2	80.8	88.3	89.2	84.3	89.3	89.6	89.7	89.7	90.0	90.0	1		90.0		90.0
	82.5		90.4			91.7			92.1	92.4				92.4		92.4
≥ 900 ≥ 800	33.0	19,3	91.1	92.1	92.4	92.4	92.7	92.8	92.8	93.1	93.1	93.1		93.1	93.1	93.1
	83.8	90.4	92.1	93.3	93.7		94.0	_	94.1	96.9	94.9			95.1	95.1	95.1
≥ 700 ≥ 600	83.8	90.4	92.3	93.5	93.9	93.9	94.3	94.5	94.5	95.6	95.6	95.6		95.7	95.7	95.7
≥ 500	04.1	96.9	92.8	94.1	94.5	94.5	95.1	95.6	95.6		96.7	96.7		96.8	96.9	96.7
≥ 400	14.2	91.1	92.9		94.7	94.7	95.2		95.7	96.8	96.8			96.9		97.1
≥ 300	c4.2	91.1	93.2	94.5	95.1	95.1	96.0	96.5	96.5		97.6			97.9	98.0	
≥ 200	34.2	91.1	93.2		95.1	95.1		96.7		- 1	97.9		98.3	98.3		- "
≥ 100	84.2	91.1	93.5	94.8	95.3	95.3	96.4	96.9	96.9	98.5	98.5	98.5	98.9	98.9	99.2	99.2
≥ 0	14.2	91.1	93.5	94.8	95.3	95.3	96.4	96.9	96.9	98.3	98.5	98.5	98.9	98.9	99.6	100.0

749 TOTAL NUMBER OF OBSERVATIONS .____

DATA PROCESSING DIVISION ETAL, USAF ASHEVILLE, W. C. 28001

CEILING VERSUS VISIBILITY

16603 FRUBISHER BAY NAT DET APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ០ďỗὖὧὖ≺ΩΟ

CEI; NG							٧	ISIBILITY ST	ATUTE MILE	ES:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5,8	≥ '5	≥ 5, 16	≥ 4	≥ 0
NO CEILING ≥ 20000	26.8	26.9 29.8	26.9	26.9	26.9	26.9 29.8	26.9	26.9 29.8	26.9		26.9	26.9	26.9	26,9	26.9	26.9
≥ 18000 ≥ 16000	29.8 29.9	29.9	29.9 30.0	29.9	29.9	29.9 30.0	29.9	29.9	29.9 30.0		29.9 30.0	29.9	29.9	29.9 30.0	29.9	29.9
≥ 14000 ≥ 12000	30.4 31.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30,5	30.5	30.5		30.5	30.5	30.5
≥ 10000 ≥ 9000	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9 33.4	32.9	32.9	32.9 33.4	32.9	32.9	:
≥ 8000 ≥ 7000	36.5 40.5	36.7	36.7 40.8	36.7 40.8	36.7	36.7 40.8	36.7 40.8	36.7 40.8	36.7 40.8	36.7	36.7 40.8	40.8	36.7	36.7 40.8	36.7	
≥ 6000 ≥ 5000	44.5 52.1	44.8	52.5	44.8	44.8	44.8 52.5	44.8 52.5	44.8 52.5	44.8 52.5	44.8 52.5	44.8 52.5	52.5	44.8 52.5	44.6 52.5	44.8 52.5	44.8 52.5
≥ 4500 ≥ 4000	55.0	55,4	55,4 59.8	55.4	55.4	55.4	55.4 59.9	55.4 59.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5 60.0	
≥ 3500 ≥ 3000	62.0	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.6	68.8	68.8	63,8	63.8 65.8	63.8	63.8 68.8	63.8
≥ 2500 ≥ 2000	70.3 74.6	72.7	72.8 77.9	73.0	73.0 78.4	73.0 78.4	73.1 78.5	73.1 78.5	73.2 78.7	73.4	73.4 79.2	73.4	73.4	73.4	73.4	73.4
≥ 1800 ≥ 1500	75.2 76.3	78 . 1 80 . 6	78.4 81.0	78.7 81.2	78.9 81.5	78.9	79.0 81.6	79 • 0 81 • 6	79.2 81.8	79.7	79.7 82.3	79.7 82.3	79.7	79.7 82.3	79.7	62.3
≥ 1200 ≥ 1000	77 • 1 78 • 5	82.0 84.0	86.3	82.7	87.8	83.1 87.8	83.2	88.0	63.3 86.1	83.8	83.8	83.8	83.8 86.7	83.8	83.8 88.9	
≥ 900 ≥ 800	76.7 78.7	85.3	86.4 87.1	87.3 88.2	88.2 89.3	88.2	88.4	88.4	88.5	90.2	89.1 90.2	90.2	90.6			90.7
≥ 700 ≥ 600	78.7	85.6	87.3	88.9		90.2	90.3	90.3	90.4	90.4 91.5	90.4	90.4	90.8 91.8	91.8	92.0	92.0
≥ 500 ≥ 400	79.5	85,9	89.0		90.7	90.7	90.8	92.1	90.9	92.0	93.3	92.1	92.5 93.8			93.9
≥ 300 ≥ 200	79.6	87,2 87,4	89.4	91.3	92.4	92.4	92.8	93.0	93.1	94.6	94.6	94.7	95.6	95.6	96.9	96.9
≥ 100	79.6	97.2	89.4	91.3	93.0 93.0	93.0	93.5	94.2	94.3	96.2 96.2	96.4	96.5	98.1 98.2	98.2 98.3	98.4 99.0	78.6

TOTAL NUMBER OF OBSERVATIONS

713

DATA PROCESSING DIVISION ETAL, USAF ASHEVILLE, N. C. 28001

CEILING VERSUS VISIBILITY

106 3 FAITH STATE STATION NAME APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V	ISIBILITY (ST	ATUTE MILE	Sı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2⅓	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¼	≥ 5/8	≥ %	≥ 5,:16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.8 29.9			27.0							27.0		27.0	27.0	27.0	
≥ 18000 ≥ 16000	31.4	31.9	31.6		31.6	31.6 32.0		31.6	31.6	31.6	31.6	31.6	31.6	31.0 32.6	31.6	31.6 32.0
≥ 14000 ≥ 12000	33.0	33.2	33,3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33,3	33.3 34.3	33.3	33.3	33.3	33.3 34.3
≥ 10000 ≥ 9000	35.0	35.1	35.2	35.2 36.1	35.2	35.2	35,2 36,1	35,2 36,1	35,2 36,1	35.2	35,2 36.1	35.2 36.1	35.2 36.1	35.2	35,2 36,1	35.2 36.1
≥ 8000 ≥ 7000	38.3 43.0		38.6	43.2	38,6 43.2	38.6	43.2	43.2	38.6 43.2	38.6	38.6	38.6	38.6	38,6	37.6 43.2	43.2
≥ 6000 ≥ 5000	48.8 52.8	48.9 52.9	49,2		49.2 53.2	53.2	49.2	49.2	49.2 53.2	49.2	49.2 53.2	49.2 53.2	49.2	49.2	49.7	49.2
≥ 4500 ≥ 4000	54.8	55.1	55.4 59.5	59.5	59.5	55.5 59.6	55.5	55.5 59.6	55.5 59.6	55.5 59.6	59.6	55.5 59.6	55.5	55.5	55.5 59.6	55.5 59.6
≥ 3500 ≥ 3000	61.8 68.0				63.2	63.2	69.8		69.9	69.9		69.9	69.9	69.9	63.4	
≥ 2500 ≥ 2000	71.4 74.8							73.9 78.1	73.9	73.9 78.1	73.9 78.1	73.9 78.1	73.9 78.1	73.9	73.9 78.1	73.9 78.1
≥ 1800 ≥ 1500	75.5 76.8	77.9			78.7 81.4	78.7 81.4	78.7 81.5	78.8	78.8 81.7	78.8		78.8	78.8		78.8 81.7	
≥ 1200 ≥ 1000	77.7	81.9						87.0	87.0	87.1	82.6	82.6 87.1	82.6 87.1			- 1
≥ 900 ≥ 800	79.6	. ~ ~ .					1		- 1	88.0	88.0	88.0	· · · ·	90.6		
≥ 700 ≥ 600	81.3	87.1	89.4	89.9	90.2	91.0	91.2	91.4		92.0	90.8	92.0		92.6	92.8	92.9
≥ 500 ≥ 400	#1.5 #1.8	88.3	90.1		91.6	92.3	92.5	92.8	92.8	93.4	93.4	93.4	93.3	94,2	94.3	94.5
≥ 300 ≥ 200	82.1	88.0	91.1	91.6	92.5	92.6		93.5	93.5		94.8	94.1	95.0	95.0		95.2
≥ 100 ≥ 0	82.1 82.1	88.0	91.1	91.6	92.6	92.0	93.4	93.8	93.8	95.4	95.9			97.5		98.6

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16603 ERCHISTER HAY NAT DUT APT

-nemb-bhoo

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	·——-															
CETING							٧	ISIBILITY ST	ATUTE MILE	ES,			-			
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	د'ا ≤	≥ 1%	≥ 1	≥ ¾	≥ 5,8	≥ ⅓	≥ 5 16	≥ '•	≥ 0
NO CEILING ≥ 20000	28.4 30.3	28.4	28.4	28.5	28.5				28.5		28.6 30.7					28.6
≥ 18000 ≥ 16000	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 14000 ≥ 12000	32.5	32.6	32.6 34.8		32.8	32.8				32.9				32.9	32.9	32.9
≥ 10000 ≥ 9000	36.1	36.3	36.3		36.4	36.4		36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 8000 ≥ 7000	40.1	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 6000 ≥ 5000	48.5	48.8 53.0	48.9	49.0	49.0	49.0			49.0		49.2	49.2	49,2 53,4	49.2	49.2	49.2
≥ 4500 ≥ 4000	54.2 57.2	57.5		54.8 58.2	54,8 58.2	54,8	58.2	54.8 58.2	54.8 58.2		55.0 58.3	55.0 58.3	55.0 58.3			55.0 58.3
≥ 3500 ≥ 3000	66.6	62.1	68.5	- • •			63.0			63.1	- 1	63.1	•	69.0	63.1	69.0
≥ 2500 ≥ 2000	70.7	76.7	76.0	73.3	76.4	76.4		76.5	76.5	76.6	76.6	73.7	73.7	73.7	73.7	
≥ 1800 ≥ 1500	73.5		76.5	76.8		76.9 80.1		77.0				77.2 80.6	77.2 80.6	77.2	77.2	77.2 80.8
≥ 1200 ≥ 1000		82.0	85.2		87.0	87.0	87.4	87.4	87.4	87.9	88.0	82.5				
≥ 900 ≥ 800	79.0 79.9	84.0	86.8	88.0	89.0	89.0	89.4	89.4	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.2
≥ 700 ≥ 600		84.3	88.4	88.4	90.6	90.6	91.0	91.0	91.0	91.5	90.5	91.0	91.9	92.0	90.5	92.1
≥ 500 ≥ 400	81.2 81.2	Bool	89,3	90.5	71.6	91.6	92.3	92.3	92.3	92.6	92.9	92.9	93.2	93.3		93.4
≥ 300 ≥ 200	01.4 01.4	50.6	89.9	91.4	92.9	92.9	93.8	94.3	94.5	75.4	95.5	95.5	95.9	96.0	95.0	96.6
≥ 100 ≥ 0	61,4 61,4	86.6 86.6	89,9	91.7			94.1			96.0		96.4		-	97.8	

TOTAL NUMBER OF OBSERVATIONS

CATA PROCESSIFE DIVISION FIME, COAF ASPENIELF, A. C. 28671

CEILING VERSUS VISIBILITY

100 STATION FERENCE STATION NAME STATION NAME

-03%6-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEI, NG							· v	ISIBILITY IST	ATUTE MILE	:S ₁			-		•	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 516	≥ ¼	≥ 0
NO CE'UNG ≥ 20000	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.6	27.8	27.8	27.H	27.8 30.7	27.6	27.8	27.8	- 1
≥ 18000 ≥ 16000	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31,5	31.5	31.5	31.5
≥ 14000 ≥ 12000	33.5 35.9	33.9	33.9 36.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9 36.0	33.9	33.9	33.9	33.9	33.9
≥ 10000 ≥ 9000	3P • 1	38.2 38.9	38.2 38.9	38.2	38.2	38.2 38.9	38.2	38.2	38.2	38.2 38.9	38.2	38.2 38.9	38.9	38.2	38.2 38.9	
≥ 8000 ≥ 7000 ≥ 6000	43.7	43.8	43.8 47.5	43.8	43.8 47.5	43.8	43.8	43.8	43.8	43.8	43,8	47.5	43.8	47.5	47.5	47.7
≥ 5000 ≥ 5000 ≥ 4500	50.4 55.4	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.5 55.6 58.7	50.6 55.7
≥ 4000 ≥ 3500	62.6	62.8	62.8	62.8	67.4	67.4	67.4	67.4	62.8	62.8	62.8	62.8	62.8	62.8	67.4	63.0
≥ 3000 ≥ 2500	76.2	74.7	73.8 78.1	73.8	74.0 78.2	74.0	74.0 78.2	74.0	74.0 78.2	74.0 78.2	74.0	74.0	74.0 78.2	74.0	74.0	74.1
≥ 2000 ≥ 1800	79.7	82.1		82.0 92.3	82.1 82.4	82.4	82.4	82.4	82.4	82.1 82.4	82.4	82.1 82.4	82.1 82.4	82.4	82.4	82.5
≥ 1500	81.3	84.7	84.1 85.2	84.1 85.5	85,9	84.5	85.9	84.5	85.9	84.5	84.5	85.9	84.5	85.9	85.9	86.0
≥ 1000 ≥ 900 ≥ 800	34.7	88.0	89.5	89.9	90.5	90.5	90.7	90.7	90.7	90.2	90.9	90.9		91.1	90.2	91.2
≥ 700 ≥ 600	45.8 46.0 96.1	49.2 49.5 89.9		92.0 92.4 92.7	92.7 93.3 93.8	92.7 93.3 93.6	92.9 93.4 94.0	93.0 93.5 94.2	93.0 93.5 94.2	93.1 93.7 94.3	93.3 93.8 94.4	93.8 93.8	93.4 93.9 94.7	93.4	93,4 93,9 94.8	94.0
≥ 500 ≥ 400	85.3 86.8	70.2	92.1	93.0				94.4	94.4	94.6	94.7	94.7	94.9	95.1	95.1	95.2
≥ 30 ≥ 20)	86.8	90.8	92.9	93.9		95.2	96.0		96.5	96.8	97.0	97.0		97.4	97.5	97.8
≥ 100 ≥ 0	86.8 86.8	90.9	93.4		96.0	96.0		97.3		97.7	98.3 98.4	98.3 98.4	98.8 99.0	99.0	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS ____

DATA PRICESSING DIVISION FTAC, USAF ASHFVILLS, 4. C. 28001

CEILING VERSUS VISIBILITY

16603 FEIGHTSHER BAY STATION KAME 42-50

1200 21403

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE-UNG							٧	ISIBILITY ST	ATUTE MILE	s						
+##1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥ 115	≥ 11,	≥ 1	≥ ¾	≥ 5/8	≥ ⅓2	≥ 5; 16	≥ '≥	≥ 0
NC CEL-NG ≥ 20000	31.2	31.2	31.2	31.2	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5 33.8	31.5
≥ 18000 ≥ 16000	33,8	33.9	33.9	33.9	34·1	34.1	34.7	34.2 35.6	34.2 35.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 14000 ≥ 12000	36.1 37.5	30.3	36.3 37.8	36.3 37.8	36,4 37.9	36.4	36.5 38.1	36.5	36.5 38.1	36.5	36,5	36.5 38.1	36,5	36.5 33.1	30.5	36.5
≥ 10000 ≥ 9000	39.1 39.7	39.4 40.1	39.4	39.4	39.5 40.3	39.5 40.3	39.6	39.6	39.6 40.4	39.6	39,5	39.0 40.4	39.6	39.6 40.4	39.6 40.4	
≥ 8000 ≥ 7000	43.4	43.7	43.7	43.7	43.9 48.9	43.9	44.0	44.0	44.0		44.0		49.0			49.0
≥ 6000 ≥ 5000	51.1 56.5	51.5	51.5 56.9	51.5 56.9	57.0		51.7	51.7	51.7	51.7 57.2	51.7	51.7 57.2	57.2	51.7 57.2	57.2	37.2
≥ 4500 ≥ 4000	67.5	68.5	68.5	68.5	61.8	61.6	61.9 68.8	68.8	61.9 68.8	68.8	68.8	61.9	68.8	68,8	68.8	68.8
≥ 3500 ≥ 3000 ≥ 2500	71.1	77.0	77.4 77.4	72.5	72.6	77.8	78.1		72.8 78.1	78.1	72.8	72.8	78.1	78.1	72.8	78.1
≥ 2000	19.7 83.0 83.2	81.4 84.9	85.7	82.3 85.9 86.2	82.5 86.2 86.5	82.5 84.2 86.5	82.7 86.6 86.8		82.7 86.6 86.8	86.6	82.7 86.6 86.8	86.8	86.6	82.7 86.6 86.8	86.6	86.6
≥ 1500 ≥ 1200	34.6	86.7	87.7		88.9	88.9	89.3	A9.3	90.3	89.3	89.3	89.3	89.3	89.3 90.3	90.3	89.3
≥ 1000	37.1 37.4	90.1	91.5	92.0	92.9	92.9	93.4	93,4	93.4	93.4	93.4	93.4	93,4	93.4	93.9	73.4
≥ 800	88.0 88.3	91.5	93.5	94.2	95.1 95.6	95.0	95.6		95.6		95.6	95.6		95.6	95.6	95.6
≥ 500	88.3 88.3	91.7	94,3	95.0	96.1	96.1	96.5	96.5	96.5	96.6	96.5	96.5	96,6	96.5	96.6	
≥ 300	88.5 88.6	92.1	94.8	95.5	97.0	97.0	98,1	98.1	97.7 98.1	97.7	97.8	96.3	98.5	97.8		
≥ 100	68.6	. • • •	94.8	95.7	97.0	97.0	98.1	98.2	98.6	98.2	99.0	99.0	99.5	99.5	99.7	99.7
≥ 200	d₹,6 38,6	92.3 92.3	94.8 94.8	95.5 93.7 95.7	96.6 97.0 97.0	90.6 97.0 97.0	97.7 98.1 98.1 98.1	97.7 98.1 98.1	97.7 98.1 98.1	-	97.7 98.1 98.2	97.7 97.8 98.1 98.3 98.2 98.5 98.7 99.0	97.7 97.8 97.8 98.1 98.3 98.3 98.2 98.5 98.5 98.7 99.0 99.0	97.7 97.8 97.8 97.8 98.1 98.3 98.3 98.5 98.2 98.5 98.5 98.6 98.7 99.0 99.0 99.5	97.7 97.8 97.8 97.8 97.8 98.1 98.3 98.3 98.5 98.5 98.2 98.5 98.3 98.6 98.6 98.7 99.0 99.0 99.5 99.5	97.7 97.8 97.8 97.8 97.8 97.8 98.1 98.3 98.3 98.5 98.5 98.6 98.2 98.5 98.5 98.6 98.0 98.7 98.7 99.0 99.0 99.5 99.5 99.7

717 TOTAL NUMBER OF OBSERVATIONS

TATA PROCESSION MIVISIMA STAGA NOME (STAGA
CEILING VERSUS VISIBILITY

TOOLING FRANCE THE STATE OF THE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

136071,00

CE, NG							٧	ISIBILITY ST	ATUTE MILE	S						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ',	≥ 2	≥ 1′2	≥ 11/2	۱ ج	≥ ¾	≥ 5/8	≥ ¹7	≥ 5 16	≥ 1,	≥ 0
NO CEIL NG ≥ 20900	29.9	29.0	_ •	29.0	7 - 1			29.U	- •	29.0 32.5	29.0			29.0 32.5	- • . !	29,0 32.5
≥ 18000 ≥ 16000	32.5	33.2	1	33.2	33.2	33.2	33.2		33.2	33.2	33.2	33.2	33,2	33.2	33.2	
≥ 14000 ≥ 12000	35.0	35,4	35.4	35.4	35.4	35.4	35.4	- 1		35.4	35.4	35,4	•	35,4	35.4	35.4
≥ 10000 ≥ 9000	37.8	38.2	1 1 2 7 2 1	38.2	38.2	38.2	38.2	36.2		38.2	38 . Z	38.2	38.2	38.2 38.5	38.2	38.2
≥ 8000 ≥ 7000	41.0	41.5		41.5	41.5	41.5		41.5	41.5		41.5	41.5	41.5	41.5		41.5
≥ 6000 ≥ 5000	49.4	49.9	1 1 1	49.9	49.9		49,9		49.9	1	49.9	49.9		49.9	49.9	49.9
≥ 4500 ≥ 4000	39.2	60.0		60.0	67.1	67.1		50.0 67.1			67.1	60.0	60.0	60.0	67.1	
≥ 3500 ≥ 3000	75.3	70.7	70.8 77.4	70.8	70.8	70.8	70.8 77.7	70.8	70.8	70.5	70.4 77.7	70.8	70.8	70.8	70.8	70.8 77.7
≥ 2500 ≥ 2000	82.8	84.U		84.4	84.5	84.5	84.6		34.5	84.6	84.8	84.8	84.8	84,8	84.8	54.8 87.0
≥ 1800 ≥ 1500	85.2 55.8	86.5		87.1 90.2	87.2	B7.4		87.5	- 1	90.7		87.6		87.0 90.8		77.6
≥ 1200 ≥ 1000	07.6 58.3	90.7	90.6	91.1	91.2	,	91.5		91.5	91.6	91.7	91.7		91.7	91.7	
≥ 900 ≥ 800	59.0	91.9	92.9	94.3	93.9	94.1	94.3	94.3	94.3	94.5	94.6	94.6	94.5	94.6	94.6	94.0
≥ 700 ≥ 600	39.9 90.1	92.1	94.1	94.0		95.2	95.5	95.5		95.6		95.7	95.7	95.7	95.7	95.7
≥ 500 ≥ 400	90.5	93.2	95.1	95.6	96.1		96.5	96.5	96.5	96.6	96.8		96.8	96.8	96.8	
≥ 300 ≥ 200		93.8	95.9	96.5	97.0	97.2	98.1	98.2	98.2	98.3	98.5	96.5	98.5	98.5	98.5	98.5
≥ 100 ≥ 0	91.0 91.0	94.5	96.8		98.1	98.2 98.2			99.4			99.0	100.0	100.0	100.0	100.0

MATA PROCESSING DIVISION FTAC: USAF ASHEVILLES N. C. 28601

CEILING VERSUS VISIBILITY

100 STATION ENGLISHER MAY MET APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15854500

CE JING	! !						~	ISIBILITY ST	ATUTE MILE	:S.						
. FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′;	≥ 2	≥ 1%	≥ 11/2	≥ 1	≥ ¾	≥ 5.8	≥ %	≥ 5 16	≥ %	≥ 0
NO CERUNG ≥ 20000	27.7 32.1	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.7	27.9
≥ 18000 ≥ 16000	32.6		32.6 32.9		32.6	32.6 32.9	32,6	32.6 32.9	32.6	32.6	32.6	32.6	32.6	32.6 32.9	32.6	32.6
≥ 14000 ≥ 12000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33,7	33.7	33.7	33.7
≥ 10000 ≥ 9000	35.9		35.9		35.9 37.0	35.9 37.0		35.9	35.9 37.0	35.9		35.9		35.9 37.0	35.9	35.9
≥ 8000 ≥ 7000	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.3	40.3	40.3	40.3	40.3
≥ 6000 ≥ 5000	48 . 1 56 . 8	48.4 57.0	48.4	48.4	48.4 57.2	48.4	48.4	48.4	48.4	48.4	48.4	57.2	48.4 57.2	48.4	48.4	48.4
≥ 4500 ≥ 4000	67.7	68.1	61.7	61.7	61.7 68.5	61.7	61.7	61.7	61.7	68.5	61.7	61.7	01.7	61.7	61.7	61.7
≥ 3500 ≥ 3000	72.1	72.0	72.9	73.2	73.2 73.3	73.2 76.3	73.2 78.3	73.2 76.3	73.2 78.3	73.2 78.3	73.2 78.3	73.2	73.2 78.3	73.2 78.3	73.2	73.2
≥ 2500 ≥ 2000	84.0	•	83.5			84.0 88.4	84.1	84.1 88.5	84.1	84.1 88.5	84.1 88.6	84.1	84.1 88.6	84.1 88.0	84.1	84.1
≥ 1800 ≥ 1500	04.4	87.5	88.1	88.4 89.2	88.8	88.8	88.9	88.9	88.9	88.9	89.0 90.2	89.0 90.2	89.0 90.2	89.0	89.0 90.2	,
≥ 1200 ≥ 1000	55.4 56.3	88.8 89.8	89.4	-	90.6	90.6	90.7	90.7	90.7	90.0	91.0 93.3	91.0		91.0		61.0
≥ 900 ≥ 800	67.1	90.1		93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.5	93.5	93,5		93.5	
≥ 700 ≥ 600	67.2	91.0	92.6		94.6	94.6	94.7	94.7	94.7			95.0 95.2			95.0 95.2	95.0
≥ 500 ≥ 400	33.1 58.1	4	94.1	95.0	96.0	96.3		96.3	96.3 96.9	96.4		96.5	96.5		96.5	1
≥ 300 ≥ 200	30.8 48.8			96.0		97.2			97.9	98.3	98.6	98.6	98.6	98.5 98.6	98.6	94.0
≥ 100 ≥ 0	88 g R	93.2	95.2 95.2	96.4	97.4	97.7 97.7		98.5	98.6 98.6		99.5				100.0	

TOTAL NUMBER OF OBSERVATIONS

MATA PROCESSING DIVISION FIAL, (SAF ASHEVILLE, ., C. 48dd)

CEILING VERSUS VISIBILITY

106 3 FAIRISTE MY STATION MARKET APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~100,43400

i CEILING	<u> </u>						v	ISIBILITY ST	ATUTE MILE	S _I						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5 8	ا دا ≤	≥ 5 16	≥ ′₄	≥ 0
NO CEILING ≥ 20000	25.9	25.9	25.9	25.9	25.9	25.9 30.2	25.9		25.9	25.9 30.2	25.9	25.9	25.9	25.9 36.2	20.1	20.1
≥ 18000 ≥ 16000	30.6	30.6	30.6 31.0	30.5		30.6	30.6		30.6	30.6	30.6	30.6	31).6 31.0	. • 1	30.7	30.7
≥ 14000 ≥ 12000	31.7	31.7	31.7	31.7	31.7	31.7	31.7		31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9
≥ 10000 ≥ 9000	34.3	34,3	34,3	34.3	34,3 35.4	34.3	34,3	34.3	34.3	34.3	34.3	34.3	34.3 35.4	34.3	34.5 35.5	34.5
≥ 8000 ≥ 7000	3 ^R • 6 41 • 8	36.6	38.6 41.8	38.6 41.6	38.6 41.8	38.6 41.5	38.6 41.5	41.8	38,6	38.6	38.6	38.6 41.8	38.6 41.8	41.8	38.7	78.7 41.9
≥ 6000 ≥ 5000	46.8 54.5	46,8	46.8 54.5	46.8	46.8 54.5	46.5 54.5	46.8 54.5	54.5	46.8 54.5	46.8	46.8 54.5	46.8 54.5	46.8 54.5	46.8	47.3 54.6	34.0
≥ 4500 ≥ 4000	57.5	57.7					57.9 63.0		58.1 63.1	58.1	58.1 63.2	58.1	58.1 63.2		58.2	
≥ 3500 ≥ 3000	71.4	72.7	73.9		68.4 74.1	74.1	68.4 74.1	74.2	74.2	68.6 74.3	74.3	74.3	74.3	74.3	74.5	74.5
≥ 2500 ≥ 2000	75.6	77.4	82.3	78.8 82.7	82.7	82.7	82.8	83.1	83.1	83.2		79.1 83.2	79.1 83.2	79.1 83.2	79.2	79.2
≥ 1800 ≥ 1500	77.9	83.5	85.4		85.6	82.8 85.6	85.9	80.2	83.2 66.2	85.4	86.3	86.3	86.3	83.4	33.5 66.5	80.5
≥ 1200 ≥ 1000	80.6	84.5	87.4		88.4			88.9			89.2			89.3	87.4	89.7
≥ 900 ≥ 800	61.5	85.3	88.1	88.9		89.4	89.9	90.3	89.4 90.3	90.6	90.6	90.7	9141	91.1	90.1	91.5
≥ 700 ≥ 600	51.3	80.1	88.9	89.7	90.2			91.2			91.9		92.4	92.4		92.8
≥ 500 ≥ 400	87.2	87.4		41.5	92.1	92.3			93.5	94.1	94.1	93.3	94,6	94.6		95.0
≥ 300 ≥ 200	82.5		91.5	_	43.7	93.8	94.7	94.6	95.7	96.6	96.8		97,7	97.7	96.5	98.1
≥ 100 ≥ 0	82.5	48. T		92.6		93.8	94.7			97.2		97.7 97.7		99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PRINCESSING PIVISION ETAL, USAF ASHEVILLE, ... C. 28501

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0200-0400

CEILING							v	ISIBILITY ST	ATUTE M' E	(5)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CE:LING ≥ 20000	26.4	26.4 27.8	26.4 27.8	26.4	20.4	26.4		26.4 27.8	26.4 27.8	26.4 27.8	26.4	26.4 27.8	26.4 27.8	26.4 27.8	20.4	26.4
≥ 18000 ≥ 16000	28 • 1 28 • 1	28.1	28.1 28.1	28.1 28.1	28.1	28.1	28.1	28 - 1 28 - 1	28.1 28.1	28.1	28.1 28.1	28.1 28.1	28.1	26.1 28.1	24.1 28.1	28.1 26.1
≥ 14000 ≥ 12000	28.2	28.2	28 · 1 28 · 2	28.2	26.1 28.2	28.1	26 • 1 28 • 2	28 • 1 28 • 2	28.2	28.1	28.1 28.2	28 • 1 28 • 2	28.1	28.2	28.1	28 • 1 28 • 2
≥ 10000 ≥ 9000	30.3	30.3	30.3	30.3	30,3 32.5	30.3	30.3 32.5	30.3 32.5	30.3	30.3	30.3	30.3	30.3 32.5	30.3 32.5	30.3	30.3
≥ 8000 ≥ 7000	34.7	34.7	34.7 37.9	34.7 37.9	34.8 36.0	34.8 38.0	34.7	34.6 38.0	34.9 38.0	34.8	34.8	34.8 38.0	34.8 38.0	34.8	34,9	
≥ 6000 ≥ 5000	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	46.7	46.7	42.0	46.7	42.0 46.7	42.0	
≥ 4500 ≥ 4000	49.3 55.8	49.7 57.4	49.8		49.9 38.0	49.9 58.0	49.9 58.0	56.1	49.9 58.1	49.9 58.1	49.9 58.1	49.9 58.1	49.9 58.1	58.1	49.9 38.1	30.1
≥ 3500 ≥ 3000	69.1	62.4	70.2	62.6 70.2	70.6	62.9 70.6	62.9 70.6	70.8	70.8	70.8	70.8	70.8	63.0 70.8	70.0	70.8	
≥ 2500 ≥ 2000	76.7 Glal	77.7 52.7	78.3 83.6	78.3		78.7	78.7 54.1	54.2	78.8	94.2	75.8	78.8	84.2	84.2	74.8 84.2	84.2
≥ 1800 ≥ 1500	01.8 04.1	86.5	84.5	88.4	88.9	86.9	88.9	89.0				85.1 89.0	85.1 89.0		85.1 89.0	89.0
≥ 1200 ≥ 1000	84.3 85.3	87.1		91.3	91.8	91.8	92.0	92.1	92.1	92.1	92.1	89.5 92.1	92.1	92.1	89.5 92.1	92.1
≥ 900 ≥ 800	05.5	89.3 89.9	92.1	91.6	93.0		93.5	93.1	92.4	93.9	93.9	92,4	93.9	93.9		93.9
≥ 700 ≥ 600	05.5	90.0	92.5	93.0	93.9	94.0	94.4	34.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	
≥ 500 ≥ 400	85.6 85.8	90.4	92.9	93,5	94.7	94,8	95,4				96.0	90.0	95.0	96.0	96.0	
≥ 300 ≥ 200	65.9	90.9	93,5	94.2	95.3	95,5	96.0		96.9	97.5	97.5	97.5	97.7	97.7	47.7	97.8
≥ 100 ≥ 0	85.9		93,5					97.4			1 - 1			1		100.0

TOTAL NUMBER OF OBSERVATIONS 773

MATA PRICESSING DIVISION FIAL, JOAR ASHEVILLE, F. C. 28601

CEILING VERSUS VISIBILITY

16617 FAMILISIAN STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERNO							v	ISIBILITY ST	ATUTE MILE	:S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	18.6	18.6	18.6	18.6	18.6	18.6	18.6	10.6	18.6	18.6	18.5	18.6	18.6	18.6	18.6	18.6
≥ 18000 ≥ 16000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 14000 ≥ 12000	22.A	24.6	22.8	22.8	22.6	22.8	22.A 24.6	24.6	22.8	22.8	22.8	24.0	22.8	22,5	22.8	22.8
≥ 10000 ≥ 9000	26.2 28.1	20.3 25.3	26.3 28.3		26.3	20.3	26.3	26.3	26.3	26.3 28.4	26.3 28.4	26.3	26.3 28.4	26.3	26.3 28.4	26.3
≥ 8000 ≥ 7000	29.7	33.2	29,6	33.4	30.1	30.1		30.1		30.1 33.5	30.1	30.1 33.5	30.1 33.5	30.1 33.5	30.1	30·1 33·5
≥ 6000 ≥ 5000	38.7 43.4	36.8	38.8	39.1	39.4	39.4	39,4	44.0	44.4	39.4 44.1	39.5	34.5	39.5 44.3	39.5	44.3	44.3
≥ 4500 ≥ 4000	44.5 50.3	51.1	44.6 51.1	51.4	45.2	45.2 51.9	45.2 51.9	45.2 51.9	45.2 51.9	45.3 52.0	45.4 52.1	45.4 52.1	45.4 52.1	45.4 52.1	45.4 52.1	45.4 52.1
≥ 3500 ≥ 3000	55.9 64.3	56.9	56.9 65.9	66.2	57.7 66.8		57.7 66.8			57.8 67.0	57.9 67.1	57.9 67.1	67.1	57.9 67.1	57.9 67.1	57.9
≥ 2500 ≥ 2000		73.4	73.7	92.5	74.6 83.1	74.6	74.6	74.6 83.1	74.7 83.2	74.8	75.0 83.6	83.6	83.6		75.0 83.6	75.0
≥ 1800 ≥ 1500	80.5	81.9	82.5	85.5		83.6	86.3		83.7	84.0	87.0		84.1 87.0			
≥ 1200	60.8 61.2	86.3	87.4	86.3			89,3		87.5	90.1	90.2		90.2	90.2		90.2
≥ 900 ≥ 800	51.4	87.2	87.7	84.4	90.7	90.7	91.2	91.4	89.9 91.6	90.3	90.6	92.6	92.6		92.6	90.6
≥ 700 ≥ 600	81.8	87.7	89,9		91.5	91.7		92.3		93.4	93,5	93,9	94.1	94,1	93,7	94.1
≥ 500 ≥ 400 ≥ 300	82.1 82.1	87.9	69,3 89,7	90.6	92.9		94.1	94.6			95,4 95,9 96,1	95.4 95.9 96.1		95.6 96.3 96.5	95.6 96.3 96.5	90.1
≥ 200	82.1	88.3	89.7	91.0	93.0	93.0	94.2	94.8	95.1	95.9	96.6	96.6	97.2		97.2	97.2
≥ 100 ≥ 0	82.1	88.3	59.7	91.2		93.3		95.1			97.0					98.8

TOTAL NUMBER OF OBSERVATIONS

775

MATA PROCESSING MIVISION FTAG, USAF ASHEVILLE, N. C. 28HM1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEULING.							v	ISIBILITY (ST	ATUTE MILE	S 1						
CEIUNG FEET-	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16.1	16,1	16,1	10.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	10.1	16.1 21.7	16.1	10.1	16.1
≥ 18000 ≥ 16000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000 ≥ 12000	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.4	23.9	23.9	23.9	23.7	23.9
≥ 10000 ≥ 9000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1 28.1	27.1	27.1	27.1 28.1	27.1	27.1 28.1	27.1	27.1 28.1	27.1
≥ 8000 ≥ 7000	31.2	31.2	31.2	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.0 35.1	31.6 35.1	31.6 35.1	31.0 35.1	31.6	31.6
≥ 6000 ≥ 5000	38.2 40.0	38.8	38.8	39.2	39.2	39.2	39.2	34.2	39.2 41.3	39.2	39.2	39.2	39,2 41,3	39.2	37.2	39.2
≥ 4500 ≥ 4000	41.0	42.1	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	49.9		42.5	49.9	324
≥ 3500 ≥ 3000	51.6	53,0 64.0	53.0 64.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4			53.4	
≥ 2500 ≥ 2000	71.4	73.0		73.7	73.7	73.7	73.8	73.8	73.6	73.6	73.5	73.8	73.8	73.8	73.8 81.5	91.5
≥ 1800 ≥ 1500	79.1	79.9	84.3	81.3	85.4	85.4	81.7	81.7	81.7 85.5	85.5		85.5	81.8	81.8	81.5	85.7
≥ 1200 ≥ 1000	30.9	85.5						86.7	86.7	86.7	86.7	89.7	89.8	89.8	89. R	89.8
≥ 900 ≥ 800	5) • 2 81 • 8	85.8 87.0	87.6		91.1	91.1	91.6	91.7	89.8 91.7	91.7	91.9	91.9	92.0		90.1	
≥ 700 ≥ 600	81.8 52.1	87.1	89.2	91.6		91.5	92.6	92.9	92.9	92.3		92.4	92.6 93.5 95.0	93.5		93.5
≥ 500 ≥ 400	87.3	87.9 88.4	91.0	93.4	94.3	93.2		94.2	94.2	94.5		95,9	96.3		96.3	96,3
≥ 300 ≥ 200	H2.3	88,4	91.0	93.7		94.5	95.4	95,9	95,9	96.5	96.9	97,0	97.4	97.4	97.5	97.5
≥ 100 ≥ 0	82.3			93.7		94.7									• 1	100.0

TOTAL NUMBER OF OBSERVATIONS 775

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING DIVISING ETAL, USAF ASHEVILLE, N. C. 28HO1

CEILING VERSUS VISIBILITY

LOGICE FRUBISHER WAY STATION NAME

_04556#1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V	ISIBILITY -ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ ા	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ 14	≥ 0
NO CEILING ≥ 20000	15.6	19.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	17.6	15.6
≥ 18000 ≥ 16000	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 14000 ≥ 12000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7 25.7	21.7	21.7	21.7
≥ 10000 ≥ 9000	27.4	27.4	27.4	27.4	27.4	27.4 27.8	27.4	27.4 27.8	27.4	27.4 27.8	27.4 27.8	27.4	27.8	27.4 27.4	27.8	27.4
≥ 8000 ≥ 7000	30.9	30.9	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0 34.9	31.0	31.0	34.9	31.0	31.0
≥ 6000 ≥ 5000	38,2	38.5	38,5	38.6	38.8 42.5	38.8	38.8	38.8 42.5	38.8	38.8	38.8 42.5	38.8	38.8	38.8	38.8	38.8
≥ 4500 ≥ 4000	44.6	45.2	45.7	45.3	45.5	45.5	45.5	45.5	45.5 51.4	45.5	45.5	45.5	45.5 51.4	45,5	45.5	45.5
≥ 3500 ≥ 3000	34,7	56.1	56.3 66.1	56.5	56.6	56.6	56.7	56.7	56.7	56.7 66.5	56.7	56.7	56.7 66.5	56,7 66.5	56.7	56.7
≥ 2500 ≥ 2000	71.4	73.8	74.2 81.3	74.3 Bl.7	74.4 61.8	74.4	74.5	74.5	74.5	74.5	74.5 81.9	74.5	74.5 81.9	74.5	74.5	74.5
≥ 1800 ≥ 1500	77.4 79.5	81.0	81.7 85.0	82.0	82.2	82.2 85.9	82.3	82.3 56.0	62.3 86.0	82.3 86.0	82.3	82.3	86.0	82.3 86.0	82.3 86.0	86.0
≥ 1200 ≥ 1000	80.0 81.5	84.9	86.3 59.0	86.8 89.5	87.3 90.4	90.4	87.5 90.7	87.5	87.5 90.7	90.7	87.5 90.7	87.5 90.7	87.5 90.7	90.7	90.7	90.7
≥ 900 ≥ 800	83.2	88.1	90.3	91.1	92.0 93.8	92.0	94.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700 ≥ 600	63.3 03.6	90.1	92.2 92.8	93.3	94.4 95.0	94.4	95.2	95.5	95.5 96.1	95.6	95.6	95.6	95.6	95,6	95,6	96.3
≥ 500 ≥ 400	93.7 83.7	90.7	93.0	94.3	95.5	95.5	96.4	96.8	96.8	97.2	97.3 97.5	97.3	97.5 97.5	97.3	97.3 97.5	97.3
≥ 300 ≥ 200	63.7 83.7	90.7	93.0	94.4	95.5 95.6	95.5	96.8	97.2	97.2 97.4	97.7	97.8	97.8	97.8	97.8	98.2	97.8
≥ 100 ≥ 0	83.7	90.8	93.2 93.2	94.4	95.7	95.7	97.0	97.7	97.7 97.7	98.6 98.6	99.4	99.4	99,5	99.5	99.6	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS_

DATA PROCESSING DIVISION FTAL, USAF ASHEVILLE, C. C. 2800L

CEILING VERSUS VISIBILITY

166.4 FAIRTSHER NAY WHT DET APT

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							v	ISIBILITY (ST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CE'LING ≥ 20000	20.1	20.3	20.3	20.3	20,3	20.3	20.3 24.8	20.3 24.8	20.3	20.3	20.3	20.3	20.3 24.8	20.3	20.3	70.3 26.8
≥ 18000 ≥ 16000	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 14000 ≥ 12000	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26,1 29.0	26.1	29.1
≥ 10000 ≥ 9000	30.7 31.0	31.0	31.0	31.0	31.0 31.2	31.0 31.2	31.0	31.0 31.2	31.0	31.0 31.2	31.0 31.2	31.0 31.2	31.0 31.2	31.0 31.2	31.0 31.2	31.0 31.2
≥ 8000 ≥ 7000	34.2 38.1	34,5 38.3	34,5	34.5 38.3	34,5 38.3	34.5	34.5	34.5	34.5	34.5 38.3	34,5	34,5	34,5	34,5 38,3	34.5	34.5
≥ 6000 ≥ 5000	41.9	42.5	42.5	42.5 48.8	42.5 48.8	42.5	42.5	42.5 48.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 4500 ≥ 4000	51.9 58.6	52.5	59.5	52.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5 59.5	52.5			52.5
≥ 3500 ≥ 3000	74.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	65.4 75.7	75.7	65.4 75.7	75.7	75.7	75.7
≥ 2500 ≥ 2000	79.5	81.4	81.4	81.4 85.7	81.4 85.7	81.4	81.4	83.7	81.4	81.4	81.4 85.7	51.4 95.7	81.4 85.7	81.4 85.7	81.4	85.7
≥ 1800 ≥ 1500	84 • 1 36 • 7	86.3			86.5				89.9		89.9	86.5	86.5	89.9	86.5	86.5
≥ 1200 ≥ 1000	39.2	90.7	93.9		91.4								91.4		91.4	94.0
≥ 900 ≥ 800	89.3 89.5	93.4	94.5	95.1	95.9				96.1	96.1	96.1	95,4	95.4 96.1	96.1	95.4	90.1
≥ 700 ≥ 600	89.5 89.8	93.7	95.5			96.0	96.6			96.4				97.0	96.4	90.4
≥ 500 ≥ 400	89.9	94.5		96.4			97.4		97.7	97.7	97.7	97.7	97,7	98.2	97.7	98.2
≥ 300 ≥ 200	89.9	94.0			97.5		97,7	98.1	98.1	98.3			98.7	98.7	98.5	
≥ 100 ≥ 0	89.9	94.6			97.7					99.1	99.1	99.1	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS....

BATA PROCESSING BIVISION FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16602 FRUBISHER SAY STATION HAVE 42-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500 a 1700

CEILING			_				· · · · · · ·	ISIBILITY IST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 18000 ≥ 16000	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.6	27.6 28.3	27.6	27.6	27.0 28.3	27.6 28.3	27.6 28.3	27.6	27.0
≥ 14000 ≥ 12000	28.4	28.6 30.1	28.6	30.1	28.6 30.1	28.5	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8 30.2	8.RS	28.8
≥ 10000 ≥ 9000	31,7	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1 32.6	32.1	32.1	32.1	32.1 32.6	32.1	32.1
≥ 8000 ≥ 7000	36,1	36,4	36,4	30.4	30.4	36,4	36,4	36,5	36,5	36.5	36,5	36.5	36.5	36.5	36.5	36,5
≥ 6000 ≥ 5000	44.5 51.4	45.0	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45,4	45.4	45.4
≥ 4500 ≥ 4000	55.0 61.7	55.7	56.0	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	36.3	56.3
≥ 3500 ≥ 3000	67.9	68.4	68.6 78.6	68.8	68.8 78.7	68.8	68.8	68.9	68.9 78.8	68.9	68.9 78.8	68.9	68.9 78.8	68.9	68.9	68.9
≥ 2500 ≥ 2000	85.5	84.4	84.6	84.8	84.9	84.9	84.9	85.U	85.0	85.0	85.0	85.0	85.0			
≥ 1800 ≥ 1500	84.8	88.8	89.2	89.3	89.4	89.4	69.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5		92.6
≥ 1200 ≥ 1000	87.7 58.5	91.6	92.6	92.8	92.9		93.0		93.2	93.2	93.2	93.2	93.2		93.2	93.2
≥ 900 ≥ 800		92.9	94.3	94.7		95.0 95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6		95.6	95.6
≥ 700 ≥ 600		93.7	95.1	95.6		99.9		96.5		96.6			96.6			
≥ 500 ≥ 400	9.3	94.3	96.0	97.0		97.3		97.9	97.9	98.2	98.2	98.2	98.3	98.3		
≥ 300 ≥ 200	39.3	94.5	96.1	97.3	97.5	97.5		98.3 98.3		98.6	98.6			98.7	98.7	98.7
≥ 100 ≥ 0	89.5	94.8	96.5	97.7			98.5		99.1	99.6	99.7			99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS.____

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, 1, 0, 28801

CEILING VERSUS VISIBILITY

16603 FR. BELLET SHER HAY STATION HADE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 4₩₽ ₹2000

CEILING							v	ISIBILITY ST	ATUTE MILE	:\$						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 11/2	≥ 1'4	≥ 1	≥ 1/4	≥ 5 8	≥ ,	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	14.2	19.2	19.2	1	19.2	19.2			19.2	19.2	19.2	1	19.2	19.2	19.2	19.2
≥ 18000 ≥ 16000	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 14000 ≥ 12000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 10000 ≥ 9000	28.8	28.8 29.8	28.8 29.8	28.8	28.8 29.8	28.8	28.8 29.8	29.8	28.8 29.8	28.8 29.8	28.8 29.8	28.8 29.8	28.8	28.8 29.6	28.8	28.8
≥ 8000 ≥ 7000	38.3	33.7	33.7	38.3	33.7	33.7	33.7	33.7	33.7	33,7	33.7 38.3	33.7	33.7	33.7	33.7	33.7
≥ 6000 ≥ 5000	50.1	43.0 50.1	50.1	50.1	43.0	50.1	50.1	Suel	50.1	50.1	90.1	30.1	20.1	43.0	43,0	43.0 30.1
≥ 4500 ≥ 4000	53.2	53,4	53,2	60.6	53.2		53.2	53.2	53.2	53.2	53.2	53.2 60.6 66.3	53,2 60.6	53.2	53.2 60.6 68.3	53.2 60.6
≥ 3500 ≥ 3000 ≥ 2500	68.0 75.5	68.3 76.4 81.9	68.3 76.4	76.4 82.1	68.3 76.4 82.1		76.4 82.1		68.3 76.4 82.1	58.3 76.4 82.1	68.3 76.4 82.1	76.4	76.4	76.4 82.1	76.4	75.4 84.1
≥ 2000 ≥ 1800	84.3	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.8	86.2 86.8	80.6	86.8	86.2	80.2	
≥ 1500 ≥ 1200	85.3 86.1	88.8	89.8 90.6	89.9	90.7	89.9	90.7	89.9 90.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	87.0 87.1	91.7	93.7	94.4	93.4	93.4	94.3	94.3	93.4	93.7	93.7	93.7	93.7	94.6	94.5	93.7
≥ 800 ≥ 700	87.5		94.7	95.0	95.4	95.5	95.4				96.1	90.1	96.1	96.1	96.1	96.1
≥ 600 ≥ 500 ≥ 400	87.5	93.0		96.5	95.6	97.3	97.4	97.5	97.5	96.2	96.3	96.2	96,3	98.2	96.3	96.3
≥ 300 ≥ 200	87.6		95.5	96.5	97.3	97.3	97.4	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100 ≥ 0		73.3	95.7	96.8	97.5	97.5			97.8 98.1 98.1	98.6 99.2 99.2	98.6 99.5	99.5	99.5	99.5		95.6 99.5

TOTAL NUMBER OF OBSERVATIONS.....

CATA PROCESSING DIVISION FIAGE DEAF ASHE NO. C. 28011

CEILING VERSUS VISIBILITY

16613 ERUBISHEN DAY MAT DITT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~100-5400

CE.JING							V	ISIBILITY :ST	ATUTE MILE	:Sı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ .	≥ 0
NO CEILING ≥ 20000	25.0 28.1	25.0	25.0	25.0	25.0 28.1	29.0 28.1	25.0	25.0 28.1	25.0	25.0	25.0 28.1	25.0 28.1	25.0 28.1	25,0 28,1	25.0	
≥ 18000 ≥ 16000	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1 28.1	28.1 28.1	28,1 28,1	28.1	28.1	28.1 26.1
≥ 14000 ≥ 12000	29.1	29.5	28.5	28.5	28.5	28.5	28.5 29.1	28,5	28.5	28.5	28.5 29.1	28.5	28.5	29.1	28.5	29.1
≥ 10000 ≥ 9000	30.9	30.9	30.9 32.2	30.9	30.9 32.2	32.2	30.9	30.9	30.9	30.9	30.9	30.9	30.9 32.2	30.9	30.9	32.2
≥ 8000 ≥ 7000	33.9	34.0	34.0 37.7	34.0	34.0	34.0 37.7	34.0 37.7	34.0 37.7	34.0	34.0 37.7	37.7	34.0 37.7	34.0	37.7	34.0	37.7
≥ 6000 ≥ 5000	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	48.9	42.2	42.2	42.2	42.2	48.9
≥ 4500 ≥ 4000	51.5	52.3	52.3	52.3		60.2	52.3	52.3	52.3 60.2	52.3	60.2	52.3	57.3	60.2	52.3	60.2
≥ 3500	72.4	73.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500 ≥ 2000	77.3 82.7	78.9 36.8	79.1	79.2 85.2	79,2 85.2	85.2	79.2 85.2		79.2 85.2	79.2	85.6	79.2 85.6	79.7 85.6	85.6	79,2 85.6	83.6
≥ 1800 ≥ 1500		45.2 87.2	88.2	88.6	88.6	88.6	85.7 88.6 89.9		85.7 88.6 89.9	85.7 88.6 89.9	86.1 89.0 90.3	86.1 89.0 90.3			89.0	89.0
≥ 1200	85.2 85.3	38.6 90.1	91.1	92.5	92.5	92.5	92.5	92.5		92.6	93.0		93.0	93.0		93.0
≥ 900 ≥ 800	55.5	9102	92.2	93.3	93.9	93.9	93.0 93.9 94.3	94.0	94.0			95.3	95.1	95.1	95.1	95.1
≥ 700 ≥ 600 ≥ 500	85.5	91.3	92.5	_	94.3	94.4	94.4	94.6	94.6	95.2	95.6 96.8	95.6	95.6	93.6	95.6	92.6
≥ 400	05.6	91.0	93,0		96.0	96.1	96.1	96.2	96.2		97.3	97.3	97.3	97.3		97.3
≥ 200	65.9	92.1	93.8	96.6		97.3	97.7	90.1	98.1	99.0	99.4	99.4	99.4		99.4	99.5
≥ 0	85.9		¥3.8			97.3	97.7			99.2				99.7		

TOTAL NUMBER OF OBSERVATIONS 771

0474 PR (CESSING DIVISION FTAGE (054) ASHEVILLES . C. 28601

CEILING VERSUS VISIBILITY

100 AT PRINTED BAY MATE APT

2-49 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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G . NO							٧	ISIBILITY ST	ATUTE MILE	:S ₁						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2:,	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5-16	≥ '₄	≥ 0
NO CEI, NG ≥ 20000	26.3 26.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 18000 ≥ 16000	20.1	26.5	26.5	26.5	26.5	26.5	26.5	76.5 26.5	26.5	26.5 26.5	26.5	26.5	26.5 26.5	26.5	26.5	26.5
≥ 14000 ≥ 12000	26.5	26.9	26.9	26.9	26.9	26.9	27.6	26.9	20.9	26.9 27.6	26.9	26.9	26.9	26.9	26.9	26.9
≥ 10000 ≥ 9000	28.3 28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9 29.3	28.9	28.9	28.9	28.9	29.3	28.9	28.9	28.9
≥ 8000 ≥ 7000	31.0 32.8	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.0	31.8	31.8	31.8 33.9	31.9	31 · N
≥ 6000 ≥ 5000	35.7 40.0	16.4	36,8	36.8	36.8 41.1	36.8	36.8 41.1	36,8	36.8 41.1	36.8	36.5 41.1	36.8 41.1	41.1	36.8 41.1	35.8 41.1	36.8
≥ 4500 ≥ 4000	42.4 47.8	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5 48.9	43.5	43.5	43.5
≥ 3500 ≥ 3000	55.4 64.4	56.5	36.9 66.1	56.9 66.1	56.9 66.1	56.9 66.1	56.9	56.9 66.3	56.9 66.3	56.9 66.3	56.9 66.3	56.9	56.9	56.9 66.3	56.9	56.9
≥ 2500 ≥ 2000	70 • 1 76 • 5	71.5		72.2	72.2	72.2 80.0	72.4	72.4	72.4 80.4	72.4 80.6	72.4 80.6	72.4	72.4	72.4	72.4	72.4
≥ 1800 ≥ 1500	78.2 60.0	80.8 84.2	81.5	81.7	81.7	81.7 85.7	82.1 86.4	#2.1 86.4	82.1 86.4	82.2	82.2	82.2		86.2	86.5	82.2 86.5
≥ 1200 ≥ 1000	50.6 61.4	84.9 86.0		87.5 89.2		87.5	90.4	88.3 90.0	90.6	91.0	91.1	91.1	91.5	58.8 91.5	91.5	88.8 71.5
≥ 900 ≥ 800	81.4 81.4	86.0 86.3	88.9	89.3 90.4	91.0	91.0		91.9	90.7 91.9	92.5		91.3	93.1	91.7 93.1	91.7	93.1
≥ 700 ≥ 600	01.4	86.4 86.4	89.0	90.6		91.1 91.4	91.9	92.4	92.1 92.4	92.8				93.6	93.3	
≥ 500 ≥ 400	81.4 81.4	86.4 80.4	89.2	90.7	91.4	91.4		92.8	92.8	93.6	93.8	93.5	94.2	94.2	93.9	94.2
≥ 300 ≥ 200	81.4 81.4	86.4		90.7	91.4	91.5	92.8	93.2	93.1 93.2	74.4		94.2	93.0		95.0	
≥ 100 ≥ 0	01.4 01.4	Ro. 4	89.2	90.7	91.4	91.5	92.9	93.3	93.3	95.1	95.3	95.4		96.1	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $\frac{\text{FORM}}{\text{Jul 64}} = 0.14.5$ (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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7. ...

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DATA PROCESSING PIVESION ASPEVILLO, .. C. ZABOL

CEILING VERSUS VISIBILITY

1661 FACILISTER LAY NOT STATES APT

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VI	SIBILITY IST.	ATUTE MILE	Sı						
CEIL NG FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	17.7	17.8	17.8 19.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.5	17.8	17.8	17.8	17.3	
≥ 18000 ≥ 16000	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5	19.6	19.5	19.6	19.6	19.6	19.6	19.6 19.7
≥ 14000 ≥ 12000	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
≥ 10000 ≥ 9000	21.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.1	22.0	23.1	22.0	23.1	22.1	23.1
≥ 8000 ≥ 7000	28.4	26.6	26.6 28.7	26.6	26,6 28.7	26.6 28.7	26.6	26.6	26.6	28.7	26.6 28.7	26.6	28.7	28.7	26.5	28.7
≥ 6000 ≥ 5000	31.6	37.3	37.3	31.8	31.8	31.8	37.3	31.8	31.8	31.8	37.3	37.3	17.3	31.6 37.3	31.4	37.3
≥ 4500 ≥ 4000	44.4	39.5 66.9	39.5	39.5	39,5	39.5	39.5	39.5 44.9	39,5	39.5 44.9	39.5	39.5	39.5	44.9	39.5	44.9
≥ 3500 ≥ 3000	63.7	54.4 <u>54.7</u>	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5			54.5	04.8
≥ 2500 ≥ 2000	77.2	70.7	80.0	70.9 50.1	70.9	70.9 80.3	70.9 80.3	70.9 80.3	70.9 80.4 81.2	70.9 80.5	70,9	70.9 80.5 81.4	70.9 80.5	80.5	70.9 50.5 81.4	90.5
≥ 1800 ≥ 1500 ≥ 1200	17.9	80.3 84.0	80.8 84.4 85.8	80.9 84.6	81.1 85.1 86.6	81.1 85.1	81.1 85.1 86.8	81.1 85.1 86.9	85.3 87.1	85.5	81,4 85.5 87.3	85.5	85.5	81.4 85.5 87.3	87.3	85.5
≥ 1200 ≥ 1000 ≥ 900	80.0 80.7 80.9	86.0	87.9	58.2 88.6	88.9	88.9	89,2	89,3	89.4	90.1	90.1	90.1	90.5	90.5	90.5	90.5
≥ 800 ≥ 700	80.9	36.0	1	89.0	89,8	89.8	90.1	90.3	90.4	91.2	91.2	91.2	91.9		91.9	91.9
≥ 600	80.9	80.1	89.0	89.4	90.3	90.4	90.5	90.7	90.8		91.7	91.7	92.4	93.5	93.5	92.4
≥ 400	80.9	86.1	89.2	89.7	90.7	90.7	91.4	91.7	91.8	93.0	93.3	93.2	93,9	93.9		93.9
≥ 200	80.9	80.1	89.2	89.7	90.7	90.7	91.5	91.8	91.9	93.3	93.5		94.3	94.3	94.3	94.3
≥ 0	BO.9	80.1	89,2	89.7	90.7		91.5	91.8	91,9	94.3	94,9	94.9	96,2			100.0

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSING DIVISION ASHEMILLES OF C. 28071

CEILING VERSUS VISIBILITY

10602 ENCIREMENT SAY MAT DUT APT 47-49

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

OCCOMONO POOL

CELLING							٧	ISIBILITY ST	ATUTE MILE	:S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	≥15	≥ 154	≥ 1	≥ ¾	≥ 5.8	≥ '2	≥ 5 16	≥ '•	≥ 0
NO CEILIN ≥ 20000	1 1 7 - 27	11.6	11.5	11.8	11.5	11.0	11.6 13.5	11.8	11.8	12.1	1	12.1	12.1	12.1	12.1	12.1
≥ 18000 ≥ 16000		14.2	14.2	14.3	14.3	14.5	14.3	14.3	14.7	14.0	14.0	14.0	14.6	14.6	14.6	14.6
≥ 14000 ≥ 12000		17.2	15.4	15.6	15.6	15.6	15.5	15.6	17.6	15.9	15.7 17.7	15.7	15.9 17.7	15.9	15.9	17.7
≥ 10000 ≥ 9000		17.7	17.7	17.8	17.8 19.2	17.8	17.8 19.2	17.3	17.8	16.1	18.1	18.1	17.1	18.1	18.1	10.1
≥ 8000 ≥ 7000		21.0	21.0	21.1	21.1	21.1	21.3	21.3 24.3	21.3	21.6 24.0		21.0	21.6		24.5	21.6 24.6
≥ 6000 ≥ 5000	30.0	31.0	27.8	28.1	28.1 31.6	31.0	28.2	28.2	28.2	28.5	32.1	28.5	28.5 32.1	32.1	32.1	32.1
≥ 4500 ≥ 4000	30.4	33.0	33.0	33,5	33.5	33.5	33,8	33.8 41.3	33. ^R	34.1	34.1 41.5	41.0	34.1 41.6		34.1 41.6	34.1
≥ 3500 ≥ 3000	53.0	54.2	54.2	54,8	54.8	54.8	55.1 65.6	55.1 65.6	55.1 65.6	55,4	55,4 65.9	65.9	55.4	65.9	55,4	55.4
≥ 2500	73.7	70.8	70.4 76.8	77.6	71.1	71.1	71.3	71.3	71.3	71.6 78.7	78.7	71.6	71.6	78.7	71.4	71.6
≥ 1800	15.6	77.0		52.1	78.4	78.4	79.0 83.6		79.0	79.6	84,4	79.6 84.4	79.6	84.4	79.6	P4.4
≥ 1200	78.4	81.5	81.9	85.1	86.2	86.2	84.4		84.4	85.0	89.0	89.0	85.3 89.0	89.0	89.0	89.0
≥ 900 ≥ 800	78.6	83.U	83.9	85.4	86.2	86.6	88.2	86.2	87.6	88.6	89,8	89.0	89.8	89.8	89.0	8.63
≥ 700 ≥ 600	78.6	83.3	84.3	85.8		86.9	88.5		88,5 88,9	90.5	91.0	90.3			90.3	91.0
≥ 500 ≥ 400	75.6		84,6	86.1	87.8	87.6	89.6		89.3	92.6	91.8		93.3	93.3	91.9	73.3
≥ 300 ≥ 200	78.6		84.7	80.2	87.8 87.9	88.2	90.1	20.3	90.1	93.0	93.7	93.7		94.0	93.7	94.0
≥ 100 ≥ 0		93.7	84.7	86.2	87.9 87.9	58.2 75.2	90.1	90.3	90.3	93.6	94.0	94.0	95.1 95.4	95.4	95.4	- •

TOTAL NUMBER OF OBSERVATIONS 719

DATA PRICESSIEC DIVISION TTAC, USAF ASMETILET, ... C. 28611

CEILING VERSUS VISIBILITY

1664 FAIRISTEE AY STATES NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0300 m1100

CEI, NG							v	ISIBILITY IST	ATUTE MILE	S 1						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 115	≥ 114	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5,16	≥ '4	≥ 0
NO CEICING ≥ 20000	9.0	9.0	9.0	9.0 11.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0 11.7	y.0	9.0	3.0	2.0	9 • G
≥ 18000 ≥ 16000	12.5	12.5	12.5	12.5 12.8	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
≥ 14000 ≥ 12000	13.3	13,3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 10000 ≥ 9000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	15.8	16.8 17.8	16.8	16.8	16.8 17.8	16.8 17.8	10.8	16.9	16.8
≥ 8000 ≥ 7000	17.4 21.8	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19,4	19.4	19,4 22,1	22.1	22.1	22.1
≥ 6000 ≥ 5000	25.0	25.3	25.3	27.5	27.6	27.0	25,4	25.4	25.4	25.4	25.4 27.8	25.4	25.4 27.8	25.4 27.6	27.8 27.8	23.4 27.8
≥ 4500 ≥ 4000	29.3	29.7 37.2	29.7 37.2	30.1 37.6	30.4	30.4	30.4	30.4 37.9	30.4 37.9	30.6 38.1	30.0 38.1	30.6 30.1	30.6	30,6	30.6 38.1	30.6 38.1
≥ 3500 ≥ 3000	49.0 60.6	49.9	49.9 61.5	50.4 62.1	50.7	50.7	50.7	50.7 62.5	50.7	50.6 62.6	50.8 62.6	50.8 62.6		62.6	50.8 62.6	50.3 62.0
≥ 2500 ≥ 2000	14.6	70.3	68.6 77.1	59.4 77.9	79.3	78.3		78.3	78.3	70.0	78.5	70.0	70.0	75.5	70.0	78.5
≥ 1800 ≥ 1500	75.0 78.3	76.9	77.7 81.9	78.6	79.0	79.0 83.9	79.0 83.9	79.0	79.0 83.9	79.2 84.2	84.2	79.2 84.2	79.2 84.2	84.2	79.2	79.2
≥ 1200 ≥ 1000	78.6	93.5	62.5 64.6		84.4	84.4	87.8	84.4 57.8	87.8	88.3	84.7	84.7			84.7	84.7 88.5
≥ 900 ≥ 800	80.3	83.3		35.0	87.4		89.0	89.0		88.3 90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700 ≥ 600	00.4	33.5 33.0	84.9	86.3	88.5	88.8		89.9	89.9	90.8	91.5		91.7	91.7	91.1	91.1 91.7
≥ 500 ≥ 400	80.7 80.7	84.3		87.1	90.0	90.0	91,3		91.3		94.0		94.3	94.3		94.3
≥ 300 ≥ 200	80.7 50.7	84.3	85.7		90.3	90.4	91.1	92.2	97.4	95,6		95.0	96.3	96.3		96.5
≥ 100 ≥ 0	30.7 30.7	84.3 84.3		87.2	90.4	90.4	91.8	92.4	92.6	96.0	96.4 96.4	96.5	97.1		97.5	97.5

TOTAL NUMBER OF OBSERVATIONS ____

PATA PRICESSING DIVISION TAC. USAF ASMEVILLE, :. C. 24a01

CEILING VERSUS VISIBILITY

166.3 EREBISTER PAY STATION SAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 3000 - 1 400

CE . ING							٧	ISIBILITY ST	ATUTE MILE	S.]
FEEI	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 1',	≥ 1'.	≥ 1	≥ 1/4	≥ 5.8	≥ 'י	≥ 5 16	≥ .	≥ 0
NO CFILING ≥ 20000	9.0	9.6	9.6	9.6	9.6	9.6	9.6	9.6 12.5	9.6	9.6	9.6	9.6	9.6	9.u	9.4	
≥ 18000 ≥ 16000	13.6	13.0	13.6	13.5	13.6	13.0	13.6	13.6	13.6	13.6	3.6	13.0	13.6	13.0	13.6	
≥ 14000 ≥ 12000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.1	14.7	14.7	14.7	14.7
≥ 10000 ≥ 9000	17.8	17.0	17.8 18.5	17.d	17.8	17.8	17.8	17.8	17.8 18.5	17.8	17.8 18.5	17.8	17.6	17.8 18.5	17.8 18.5	• ' •
≥ 8000 ≥ 7000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6 22.8	20.0	20.6 22.8	20.0	20.6	
≥ 6000 ≥ 5000	27.7	27.7 30.0	27.7	27.7	27.7	27.7 30.2	27.7	27.7	27.7	27.7	27.7	27.7 30.2	27.7 30.2	27.7 30.2	27.7 30.2	27.7
≥ 4500 ≥ 4000	31.4 38.5	31.6	31.6 38.7	31.7	31.7 38.8	31.7 38.8	31.7	31.7 38.8	31.7	31.7	31.7 38.8	31.7		31.7	31.7 38.8	31.7
≥ 3500 ≥ 3000	47.8 62.4	46.4	48.5 63.6	48.7 63.8	48.7 63.8	48.7 63.8	48.7	63.8	48.7 63.8	48.7 63.6	48.7 63.5	45.7 63.8	48.7	48.7 63.8	48.7	63,0
≥ 2500 ≥ 2000	78.3	74.3	70.7	. • •	70.9	70.9	70.9	70.9	70.9	71.1 80.5	71.1 80.5	71.1 80.2	71.1 80.5	71.1 50.5	71.1	71.1
≥ 1800 ≥ 1500	78.9	79.6	80.5 84.3		81.1 85.4	81.1	81.1 85.5	81.1 85.5	81.1 85.5	81.2	81.2 85.7	81.2 85.7	81.2 85.7	81.2	61.2 85.7	81.2 85.7
≥ 1200 ≥ 1000	32.1 83.4	83.7	84.7 86.8	:	86.0 88.5	86.0 88.5	89.0	80.1	86.1 89.0	86.2	86.2	86.2	85.2 89.4	86.2	86.2	89.4
≥ 900 ≥ 800	83.7	85.7	87.1	88.2	88.7 90.1	90.3	91.0	91.1	89.3 91.1	91.5	89.7 91.7	89.7 91.7	99.8 91.8	91.8	89.8 91.8	91.8
≥ 700 ≥ 600	83.7	85.7	87.2 87.3		90.5	90.4	91.1 91.7	91.4	91.4	91.9	92.6	92.6		92.8		92.8
≥ 500 ≥ 400	83.7	86.0	87.8	-	91.1	91.2	92.2	92.5	92.5 93.6	93.7	94.2	95.5		94.3	94.3	95.7
≥ 300 ≥ 200	83.9	80.1	87.9	89.6	91.8	91,9	93.3	93.9	94.2	95.4	95. K	95.4		96.3	97.1	97.1
≥ 100 ≥ 0	63.9	86.1	87.9		91.9	92.1	93.7 93.7	94.3	94.3	96.2	96.9 96.9	97.4	97.6 97.9	97.8	98.3	98.5

TOTAL NUMBER OF OBSERVATIONS 719

BATA PROCESSING DIVISION FTAL, USAH ASHLYILLE, F. C. 43671

CEILING VERSUS VISIBILITY

1661 FAIR STATION HAVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200-11100

CERSE							٧	ISIBILITY :ST	ATUTE MILE	s.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2"5	≥ 2	≥ 1%	≥ 1%	1 ≤	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ ¼	≥ 0
NC CEUNG ≥ 20000	11.8	11.0	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 18000 ≥ 16000	15.6	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 14000 ≥ 12000	16.1 17.2	16.1	16.1	16.1	16.3	10.3	16.3	10.3	16.3 17.4	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 10000 ≥ 9000	20.1 20.7	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3 20.8	20.3	20.3 20.8	20.3	20.3	20.3 20.0	20.8	20.3
≥ 8000 ≥ 7000	27.6	20.0	22. ⁸ 26.5	22.8	22.9 26.8	22.9 26.8	22.9 26.8	22.9	22.9	22.9 26.8	22.9	22.9	22.9	22.9 26.8	22.9 26.8	
≥ 6000 ≥ 5000	37.2	31.3	31.3	31.3	31.5	31.5	31.5 33.8	31.5 33.8	31.5	31.5 33.8	31.5 33.5	31,5	31.5	31.5 33.6	33.8	31.5
≥ 4500 ≥ 4000	34,4		34.7 41.7	34.7 41.7	35.0 41.9	41.9	41.7		35.1 42.1	35.3 42.2	35.3 42.2	35.3 42.2	35,3 42,2	42.2	35.3 52.2	35.3
≥ 3500 ≥ 3000		50.4	67.5		67.9		50.8	68.1	68.1	51.1 68.2	51.1	51.1 58.2	51.1		51.1 68.2	51.1 68.2
≥ 2500 ≥ 2000		Ried	73.9	81.7		31.9	74.3 61.9		74.4	82.2	74.6	82.2		82.2	82.2	74.6
≥ 1800 ≥ 1500	19.3	85.1	86.0	86.1	86.5	80.5	86.7		83.1	83.2	86.9	86.9	86.9	86.9	86.9	36.9
≥ 1200 ≥ 1000	37.2 83.3		86.3	88.3		B9.9	90.0	90.1	87.1 90.1	90.4			90.6	90.6		
≥ 900 ≥ 800	83.8 84.3	87.5		90.4		92.2					92.9		91.1		91.1	91.1
≥ 700 ≥ 600		86.3 88.5			92.6		92.8	92.9	93.2	93.3	93.6			93.0	93.5	
≥ 500 ≥ 400 ≥ 300	85.0 85.0		90.8	91.5		94.2	95.0		95.4	95.6	96.4	95.7 90.5 97.2				96.7
≥ 200	85.0 85.0	89.0	91.0	91.9	94,3	94.6	95.6	96.0	96.1	97.4		97.6		97.6	97.8	97.8
≥ 100 ≥ 0				91.9 91.9							98.3					

720 TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING DIVISION STACE USAF ASHEVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

LOGO FEITH INTER HAY NOT APT 42-45

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1 260 2000

Cfi. NG							V	SIBILITY ST	ATUTE MILE	:s						
. FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ,	≥ 2	≥ i ¬	٤١٠٠ خ	≥ 1	≥ 1/4	≥ 5 8	≥ 'a	≥ 5 16	≥ '.	≥ 0
NO CEILING ≥ 20000	15.4	15.5	15.8	15.8	15.8	15.6	15.6 18.3	15.8	15.8	15.8	15.8 18.3	10.0 18.2	16.0 18.5		15.0 18.5	
≥ 18000 ≥ 16000	18.1	18.5	18.5	18.5	18.5	18,5	18.5	18.5	18.5 18.5	18.5	18.5	18.6	1	18.0		18.8
≥ 14000 ≥ 12000	19.5	18.9	18.9	16.9	14.9	18.9	18.9	18.9	14.9	18.9	18.9	20.4	19.0 20.4	19.0 20.4	19.0	19+2
≥ 10000 ≥ 9000	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.4	22.9	23.2	23.1 23.2	23.1	23.2	23.3
≥ 8000 ≥ 7000	23.9	28.0	—	24.7	24.7 28.6		26.7	24.7 28.6	24.7 28.5		28.0	24.9		28.8	28.8	
≥ 6000 ≥ 5000	31.1 35.1	32.5	30.5	32.5 36.5	16.5	36.5	36.5	32.5	32.5	36.5	32.5	32.0	36.7	36.7	36.7	35.0
≥ 4500 ≥ 4000	3 ⁸ • 1	39.4	39.4 46.0	39.4 46.0	39,4 46.0	39.4 46.0	39.4	39.4 46.0	39.4 46.0				39.6 46.1	39,6 46.1	39.5 45.1	46.3
≥ 3500 ≥ 3000	53.2 65.6	54.7	55.0 68.2	55.0	55.0 68.2		55.0 68.2	55.0 68.2	55.0 68.2	68.2		55.1	55.1 68.3	55.1	55.1 68.3	55.3
≥ 2500 ≥ 2000	71.1	73.5	74.3 61.3	74.3	74.3 81.5	74.3 81.5	74.3	74.3 81.5	74.3	81.5	74.3 81.5	74.4	81.7	74.4 81.7	74.4	74.6 81.8
≥ 1800 ≥ 1500	78.8 61.1	R1.3	82.2 85.7	56.4	82.6	82.6 86.5	82.6	82.6 86.5		86.5	82.6	82.8	86.7	82.8	82.4 66.7	86.8
≥ 1200 ≥ 1000	01.3 02.8	80.1	86.1 88.6		90.1	90.1	87.1 90.3	90.4	87.1 90.4		87.1 90.6	90.7	90.7	87.2 90.7	87.? 90.7	90.8
≥ 900 ≥ 800	83.1 83.2	86.5		91.5	90.8	92.1	92.2	91.1				92.6	92.6		92.6	92.8
≥ 700 ≥ 600	63.2	86.9	19.4	91.5	92.1	92.1	92.2				92.8	92.0	92.9	92.9		93.1
≥ 500 ≥ 400	63.2	86.9		91.5	92.4	1	92.6	92.8		94.7	94.7		94.9			95.0
≥ 300 ≥ 200	83.2	87.2	89.9	92.2	93.1	93.1	94.2	94.3	94.3	96.1	96.7		96.9	96.9	95.8	97.1
≥ 100 ≥ 0	83.2	87.2 87.2	89.9		93.2 93.2	93.2	94.4	94.7 94.7	94.7			97.9	98.1 98.7		98.2 98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 721

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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NATA PROCESSING NIVISI'N ETAG, USAF ASMEDILLE, H. C. 28601

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100-2300

CERNO							· ·	ISIBILITY (ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 11/4	ا ≤	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ %	≥ 0
NO CEILING ≥ 20000	22.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22,5	22.5	22.5	22.5	22.5	22.5
≥ 18000 ≥ 16000	23.6	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 14000 ≥ 12000	23.9	24.5	24.5 25.7	24.5 25.7	24.5 25.7	24.5	24.5	24.5	24.5 25.7	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 10000 ≥ 9000	26.4	27.0 27.3	27.0 27.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0 27.3	27.0	27.0	27.0	27.0	27.0
≥ 8000 ≥ 7000	28.0 30.3	31.2	28.8	28.8	29.8	28.8	28.8	28.8 31.2	28.8 31.2	28.8	28.8 31.2	28.8	26.8 31.2	28,8 31.2	28.P	28.8 31.2
≥ 6000 ≥ 5000	33.9	34.9	34.9	34.9	34.9	34.9 39.2	34.9	34.9	34.9 39.2	34.9	34.9 39.2	34.9 39.2	34.9 39.2	34.9 39.2	34.9	39.2
≥ 4500 ≥ 4000	39.5 45.3	40.5	41.2	41.2	41.2	41.2 47.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 3500 ≥ 3000	52.0	53.7	54.4 64.0	54.4	94.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 2500 ≥ 2000	76.5	71.2	73,2	73.2 81.5	73.2	73.2	73.3	73,3	73.3	73.3	73.3	73.3	73,3	73.3	73,3	73.3
≥ 1800 ≥ 1500	77.2 80.0	80.0	82.5	82.5 56.2	80.4	82.5	86.5	86.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	86.6
≥ 1200 ≥ 1000	80.3 81.2	83.6	86.8	80.9	87.1	87.1	97.2 90.7	90.7	87.2 90.7	91.2	87,3 91,2	91.2	91.4	87.3 91.4	87.3 91.4	87.3
≥ 900 ≥ 800	51.2 51.8 81.9	85.4 96.1 80.4	88,7 89,6	91.2	89.7 91.4	91.4	90.7	90.7	90.7	91.2	91.2 93.3	91.2	91,4	91.4	91.4	91.4
≥ 700 ≥ 600 ≥ 500	81.9	86.5	90.1	91.7 91.9	91.8 92.1 92.2	91.8 92.2 92.4	93.5	93.0 93.7 94.2	93.0	94.4	94.4	93.7	93.9 94.6	93.9	93.9 94.6 95.1	94.6
≥ 400 ≥ 300	51.9	86.5	90.1	91.9	92,2	92.4	93.7 94.0	94.4	94.4	95.0 95.3	95.4	95.4	95.4	95.7	95.7	95.4
≥ 200	01.9 01.9	86.5	90.1	91.9	92.4	92.5	94.3	94.7	94.7	96.0	96.2	96.2	96.5	96.5	36.5 97.5	96.7
≥ 00	61.9	86.5	90.1	91.9	92.4	92.5	94,6		95.0		97,2	97.2	97,5	47.5	97.5	

TOTAL NUMBER OF OBSERVATIONS 711

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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NATA PROCESSING DIVISION ETAG, 15AF ASHEVILLE, 1. C. 28801

CEILING VERSUS VISIBILITY

106.13 FAILE SHAR BAY AT DIT APT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

 $-\omega QQQ \pi Q Z D Q$

CEILING							٧	ISIBILITY IST	ATUTE MILE	Sı.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5:16	≥ ¼	≥ 0
NO CEILING ≥ 20000		20.9					20.9						20.9		20.9	
≥ 18000 ≥ 16000	20.6	20.9	20.9		20.9		20.9	20.9			20.9		- • :		20.9	20.9
≥ 14000 ≥ 12000	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	_	21.1
≥ 10000 ≥ 9000	22.1	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 8000 ≥ 7000	23.3	23.8	23.9	23.9	23.9			23.9			23.9	23.9		23.9	23.9	23.9
≥ 6000 ≥ 5000	27,8	31.3	31.4	31.4 35.5	31.4			31.6 35.9			31.6	31.6 35.9	31.6	31.6	31.6	31.6
≥ 4500 ≥ 4000	36.0 40.8	37.9	38,3	38.3	38.3			38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3500 ≥ 3000	45.6 52.5	47.9	48.3	48.7	49.0 58.0			49.4	49.4	49.7	49.7	49.7	49.7 58.8	49.7	49.7	49.7
≥ 2500 ≥ 2000	59.1		65.2 76.8		66.0 78.4		66.5		66.5		66.9	66.9	66.9	66.9	66.9	79.9
≥ 1800 ≥ 1500	70.0					80.3 86.5		81.0 87.2		81.4		81.6		81.9		81.9 88.1
≥ 1200 ≥ 1000	76.0 77.1	80.1	86.6	87.6	8,68	88.9		99.7	89.7	90.1	90.4		90,7			
≥ 900 ≥ 800	77.1	86.5 66.6	89.2	90.4	92.0	92.2	94.3	94.6	94.6	95.0	95.4	95.4	95.7		95.7	95.7
≥ 700 ≥ 600	77.5	87.0 87.0			92.8	93.0	95.1	95.4	95,4	96.0	96.4			97.2	97.2	97.2
≥ 500 ≥ 400	77.5	87.3	90.0		93.3	93.4		96.0	96.0		96,9	97.2	97.6	97.7	98.0	98.0
≥ 300 ≥ 200	77.5	87.3	90.0	91.2	93.7	93.8	96.1	96.5	96.5	97.3	97.7	98.0	94.4	96.5		98.6
≥ 100 ≥ 0	77.5		90.0	91.2	93,7	93.8	96.1	96.5	96.5	97.4					99.2	

741 TOTAL NUMBER OF OBSERVATIONS.....

DATA PROCESSING DIVISION FTAL, USAF ASHEVILLE, t. C. 28001

CEILING VERSUS VISIBILITY

16603 ERCHISHER BAY STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEUNG							v	SIBILITY ST	ATUTE MILE	:5)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 210	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	18.3	18.8	18.8	18.8	18.8 19.0	18.8	19.0	19.1	19.1	19.1	19,1	19.1 19.2	19.1	19.1	17.1	19.1 19.2
≥ 18000 ≥ 16000	18.4	19.0	19.0	19.0	19.0	19.0	19.1	19.2	19.2	19.2	19.2	19.2	19.2 19.2	19.2	19.2	19.2
≥ 14000 ≥ 12000	18.7	19.2	19.2	19.2	13.2 20.2	19.2	19.4	19.5	20.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 10000 ≥ 9000	20.0	20.0	20.6 20.8	20.8	20.6	20.6	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 8000 ≥ 7000	21.2	21.8	21.8	21.8	21.8	21.8	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.9
≥ 6000 ≥ 5000	27.2	26.4	28.5	28.5	28,5 33.6	28.5	28.6	28.8	28.8	28.8 34.0	28.8 34.0	28.8 34.0	28.8 34.0	28.8 34.0	28.8 34.0	28.8 34.0
≥ 4500 ≥ 4000	33.1 48.0	34.4	34.9	35.1	35.3	35.3	35.5 41.1	35.6 41.3	35.6 41.3	35.8	35.8 41.4	35.8	35,8	35,8 41.4	35.8	35.8 41.4
≥ 3500 ≥ 3000	44.0 52.8	45.0	46.2 56.9	46.5 57.1	46.9 57.7	47.2 57.9	47.3 58.1	47.4 58.2	47.4 58.2	47.6 58.3	47.7 58.5	47.7 56.5	47.7 58.5	47.7 56.5	58.5	47.7 56.5
≥ 2500 ≥ 2000	60.2	64.8 73.3	66.4 75.4	66.7 75.7	67.2 76.6	76.9	67.6 77.0	67.7 77.2	67.7 77.2	68.0 77.4	68.3 77.7	77.7	68.3 77.7	77.7	68.3 77.7	77.7
≥ 1800 ≥ 1500	69.5 74.1	75.7	78 • 1 83 • 6	78.4 34.0	79.3 85.5	79.6 85.8	80.0 86.2	80.1	80.1 86.6	80.4 87.1	80.6	87.4	80.6	87.6	87.6	80.8
≥ 1200 ≥ 1000	75.5 77.3	84.5	85.5	89.7	87.5 91.4	91.8	92.9	88.0 94.1	93.4	94.4	89.8 94.8	94.3	90.1 95.2	90.1	90.1	90.2
≥ 900 ≥ 800	77.3	84.7	88.8 89.2	90.2	91.8 92.3	92.2	94.0	94.2	93.8 94.5	94.9	95.3	95.3	95.7 97.0		95.8	96.0
≥ 700 ≥ 600	77.3	85.1	89.2 89.4	90.2	92.5	92.7	94.1	94.4	94.6	95.8	96.4	90.8	97.2 97.3	97.2 97.3	97.4	97.4
≥ 500 ≥ 400	77.4	85.2	89.4	90.3	92.5	92.9	94.4	94.8	95.0	96.6	97.4	97.8	98.3 98.7	78.7	98.4	98.5
≥ 300 ≥ 200	77.4	85.2	89.4	90.3	92.6	93.0		94.9	95.2	96.8	97.8	98.1	98,9	98,9	99.2	99.7
≥ 100 ≥ 0	77.4	85.2	89.4		92,6	93.0	94.5	94.9	95.2	96.9	97.8 97.8	98.3	99.2	99.2	99.5	99,9

TOTAL NUMBER OF OBSERVATIONS.....

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

744

PATA PROCESSING DIVISION ETACA USAF ASHEVILLE, W. C. 28HCL

CEILING VERSUS VISIBILITY

106:3 FALLESHER MAY STATION HAVE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

᠆᠘ᡧ᠒᠙ᡒᡐᠷᠣᠣ

CERING	:						٧	ISIBILITY ST	ATUTE MILE	S į						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	12.2	12.4	12.4	12.5	12.5	12.5	12.7	12.8	12.8	12.8	12.6	12.8	12.8	12.6	12.8	12.8
≥ 18000 ≥ 16000	14.4	14.7	14.7	14.5	14.8	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 14000 ≥ 12000	14.4	14.7	14.7	14.8	14.8	14.8	15.1	15.1	15.1	15.7	15.1	15.1	15.1	15.1	15.1	15.1
≥ 10000 ≥ 9000	16.2	16.4	16.4	16.6 16.8	16.6	16.6 16.8	16.H	16.8	16.5	16.8	16.8 17.1	16.8	16.8	16.8	16.8 17.1	16.8
≥ 8000 ≥ 7000	17.4	17.0	17.6 20.1	17.8 20.2	17.8 20.2	17.8 20.2	18.0	18.0	18.0	18.0	18.0	18.0	18.0 20.5	18.0	18.0	18.0 20.5
≥ 6000 ≥ 5000	23.7	24.5	24.5	24.9	24,9	24.9 29.5	25.2	25.2 29.9	25.2	25.2	25.2	25.2 29.9	29.2	25.2	25.2	29.9
≥ 4500 ≥ 4000	30.7 36.6	37.8	32.0 38.1	32.6	32.7	32.7 39.2	33.1	33.1 39.6	33.1 39.6	33.1 39.6	33.1 39.6	33.1		33.1 39.6	39.6	39.6
≥ 3500 ≥ 3000	43.6 53.2	45.1 54.8	45.5 55.3	46.3 56.1	46.8 56.7	46.8 56.7	47.4 57.3	47.5 57.6	47.5 57.6	47.9 58.0	47,9 58.0	47.9 58.0	47,9 58.0	47,9 58.0	47.9 53.0	58.0
≥ 2500 ≥ 2000	61.4	72.0	74.4	75.9	75.9	76.9	67.2 77.7	67.4 77.9	77.9	78.9	68.2 78.9	78.9	79.0	79.0	79.0	79.1
≥ 1800 ≥ 1500	72.4	73.2	75.0	76.4 32.2	77.5	77.5 83.4	78.7	78.6 85.2	78.6 85.2	79.5 86.7	79.5	79.5 86.7	79.7		79.7 86.8	37.1
≥ 1200 ≥ 1000	72.8	81.0	80.9 83.8	83.0 86.1	84.7	84.8	85.0 89.8	90.6	90.6	92.5	92.5	92.5	92.6	92.6	92.7	93.1
≥ 900 ≥ 800	74.6		84.0	86.9	89.2	88.6	90.0 91.1	91.0	91.0 92.2	93.0	94.9	94.9	93.1	93.1	93.3 95.3	95.7
≥ 700 ≥ 600	74.7		84.7	87.1	89.4	89.6	91.4 91.4	92.6	92.6	95.3 95.3	95,3	95.3	95.4	95.4	95.7	
≥ 500 ≥ 400	74.7	81.7	84.7 84.7	87.1 87.1	89,4	89.6 89.8	91.5 91.8 92.1	92.7	92,9 93.3 93.7	96.9	96.5 97.2 98.1	96,5 97,2 98,1	97.0 97.7 98.7	97.0 97.7 94.7	97.3 98.0 98.9	98.4
≥ 300 ≥ 200	74.7	81.7	84.8	87.3	89.6	90.0	92.1	93.5 93.5	93.7	98.0	98.4	98.4	99.1	99.1	99.6	100.0
≥ 100 ≥ 0	74.7		84,8	87.3	89.6	90.0	92.1	93.5	93.7	98.0	98,4	90.4	99.1	99.1		100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16603 ERUBINIER BAY INT DUT APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>-0900-1100</u>

CERING							v	ISIBILITY -ST	ATUTE MILE	:s						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ '.	≥ 0
NO CEILING ≥ 20000	12.6	12.7	12.7	12.7	32.9	12.9	12.9	13.0	13.0	13.1	13.1 16.4	13.1	13.1	13.1	13.1	13.1
≥ 18000 ≥ 16000	15.9	16.0	16.0	16.0	16.1	16.1	16.1	16.3	16.3	16.4	16.4	10.4	16.4	16.4	16.4	16.4
≥ 14000 ≥ 12000	10.3	16.4	16.4	17.9	16,5	16.5	16.5	16.7	16.7	16.8	16.8 18.3	16.8	16.8	16.8	16.5	16.8
≥ 10000 ≥ 9000	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.4	19.4	19.5	19.5	19.5	19,5	19,5	19.5	19.5
≥ 8000 ≥ 7000	20.7	20.9	20.9	20.9	21.0	21.0	21.0	21.1	21.1	21.3	21.3	23.7	21.3	21.3 23.7	21.3	21.3
≥ 6000 ≥ 5000	27.1	27.5 31.3	27.8 31.6	27.8	27.9	27.9	27.9	32.0	32.0	28.2	28,2 32.1	28.2	29.2 32.1	26,2 32.1	25.2 32.1	28.2
≥ 4500 ≥ 4000	32.8	33.5 40.7	33.7	33.0 41.9	34·1 •2·3	34.1 42.3	34.1 42.3	34.3	34.3	34.4	34.4	34.4	34.4	34,4	34.4	34.4
≥ 3500 ≥ 3000	46.2 55.8	48.0 58.3	48.6 59.3	49.1 59.8	49.6	49.6	49.7	49,9	49.9 60.8	50.0	50.0 61.0	50.0 61.0	50.0 61.0	50.0 61.0	50.0 61.0	50.0
≥ 2500 ≥ 2000	62.6	75.1	67.6 76.6	68 . Z 77. Z	69.1 78.2	78.2	69.2 78.5	69.4 78.7	69.4 78.7	79.3	69. # 79. 4	79.4	69.8 79.5	79.5	69.8	79.5
≥ 1800 ≥ 1500	57.9 73.2	70.2	77.8 82.1	78.5 83.2	79.5 84.7	79.5 84.7	79.8 85.1	80.1	80.1 85.6	80.6 86.7	80.8	80.8	80.9 87.1	80.9 87.1	80.9 87.1	80.9
≥ 1200 ≥ 1000	73.7	41.4 84.0	83.2 86.0	84.3	89.0	89.0	86.3	86.9 90.1	86.9 90.1	98.1 91.6	88.3 91.9	91.9	88.5 92.1	92.3	98.6 92.3	92.3
≥ 900 ≥ 800	75.2 75.6	34.0 84.0	86.0	88.4	90.5	89.7 90.7	90.2 91.5	90.8	90.8	92.3	92.5	94.3	92.8 94.6	93.0	93.0	93.0
≥ 700 ≥ 600	75.7	84.7	86.7	88.5 88.9	90.7	90.8	91.6	92.1 92.8	92.4	94.2	94.6	94.6	94.9	95.0 95.5	95.8	95.0
≥ 500 ≥ 400	76.0	85.1	87.1 87.1	88.9	91.1	91.3	92.7	93.5	93.8	95.9	96.3	96.3	96.7	96.7		97.2
≥ 300 ≥ 200	76.0	_	87.1 87.1	88.9	91.5	91.7	93.1	93.9	94.2	96.9	97.6	97.6	98.4	_	98.5	98.8
≥ 100 ≥ 0	76.0 76.0		87.1	88.9	91.5	91.9	93.2	94.0	94.3	97.2	98.2 98.2	98.2 96.2	99.2	99.3	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $_{\rm JUL44}^{\rm FORM} = 0.14.5$ (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION ETAL, USAF ASHEVILLE, F. C. 28001

CEILING VERSUS VISIBILITY

104.3 ENTISTAMED ALY STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1200-1400

CEILING							٧	ISIBILITY IST	ATUTE MILE	S+						
FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	15.8	15,8	15.9	16.1	16.1	10.1	16.1	16.1	16,1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000 ≥ 16000	16.9	10.9	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 14000 ≥ 12000	17.1	17.1	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000 ≥ 9000	20.0	20.0	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20,2	20.2	20.2
≥ 8000 ≥ 7000	22.3	22.4	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 6000 ≥ 5000	29.0	29.7	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0				30.2
≥ 4500 ≥ 4000	35.2	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3			36.6	36.0 42.4
≥ 3500 ≥ 3000	46.6	48.0	48.4	48.6	49.7	48.9	49.1	49.1	49,1	49.3	49.3	49,3	49,4		49.7	49.7
≥ 2500 ≥ 2000	69.2	67.9	68.8		69.6	69.8	70.2	70.2	70.2	70.6	70.6	70.5		70.7	71.0 80.0	71.0
≥ 1800 ≥ 1500	72.2	76.2	77.9	78.5	79.1	79.2	80.0	80.0	80.0	80.7	80.7	80.7	80.8	80.8	81.1	
≥ 1200 ≥ 1000	76.1	31.4 83.1	63.1	84.2	85.3	85.8	86.8	86.9	86.9	88.4	88.4	88.4	88.5	88.5	88.8	88,8
≥ 900 ≥ 800	77.5	13.3	85.3		88.3	88.9	90.4	90.6	90.6	92.4	92.4	92.4	92.7	92.7	93.0	
≥ 700 ≥ 600	77.5	83.5	85.6	86.9	88.7	89.3	91.1	91.9	92.0	94.7	95.4	95.4	95.7	95.7	96.1	96.1
≥ 500 ≥ 400	77.5	83.5	85.6		89.5	90.3	92.0	92.8	93.0	96.0	97.0	97.2	97.4	97.4	97.8	97.8
≥ 300 ≥ 200	77.5		85.6	87.4	89.7	90.8	92.7	93.5	93.7	96.6	98.4	98.5		99.1	99.5	99.6
≥ 100 ≥ 0	77.5 77.5	83.5	85.6 85.6		89.7	90.8	92.7 92.7	93.7	93.5	96.9	98.7	98.6	99.3 99.3		99.7	

TOTAL NUMBER OF OBSERVATIONS

HATA PROCESSING DIVISION FTAG, USAF ASHLVILLI, w. C. 28801

CEILING VERSUS VISIBILITY

16613 FRIBISHER SAY INT DUT APT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200 - 1 YOU

CEILING							٧	ISIBILITY (ST	ATUTE MILE	·s.				-		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	≥ 15	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16.2 16.8	16.5	16.8	16.9	16.9	16.9	16.9	10.9	16.9	16.9	17.2	17.2	17.2	17.2	17.2	
≥ 18000 ≥ 16000	16.8	17.1	17.3 17.7	17.9	17.6	17.6	18.0	17.6	17.6	17.6	17.9	17.9	17.9	17.9 18.3	17.9	17.9
≥ 14000 ≥ 12000	17.5	16.0	18.0	18.1	18.3 19.8	18.3	16.3	18.3	19.8	18.3	18.5	20.0	18.5 20.0	18.5	18.5	18.5
≥ 10000 ≥ 9000	20.0	20.0	20.6	20.7	20.8	20.8	20.9	20.8	20.8	20.8	21.1	21.1	21.1	21.1 21.9	21.1	21.1
≥ 8000 ≥ 7000	22.5	23.0	23.0	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5
≥ 6000 ≥ 5000	28.4	29.4	29.4	29.8	29,9	30.0 33.6	30.3	30.3	30.3	30.4	30.7	30.7 34.2	30.7	30.7	30.7	30.7 34.2
≥ 4500 ≥ 4000	34.5	35.7	35.7	36.1	36.3	30.4	36.7	36.7 41.0	36.7	36.8 41.3	37.1	37.1	37.1	37.1 41.5	37.1 41.5	37.1
≥ 3500 ≥ 3000	44.1	45.0	45.6	40.1 58.5	46.3	46.4	46.7	46.7	46.7	47.0	47.2	47.2	47.2	47.2	47.2	47.2
≥ 2500 ≥ 2000	70.5	65.8	66.3	67.5	68.3 78.6	68.5 78.8	68.7	68.9	68.9 79.7	69.1	69.4 80.2	69.4	69.4	69.4	80.2	69.4
≥ 1800 ≥ 1500	70.8 73.5	75.2	76.5	77.9	79.3	79.4	80.2 85.1	80.4 65.4	80.4	80.6	80.9	80.9	80.9	80.9 85.9	80.9 85.9	80.9
≥ 1200 ≥ 1000	74.3	80.4 82.5	81.9	83.5	85.1	85.3	86.6 90.9	86.9	86.9	97·1	87.4 92.4	87.4 92.7	87.4	87.4 92.7	87.4	87.4
≥ 900 ≥ 800	75.5	82.7	84.4	86.9	89.0	89.2 90.0	90.9	91.9	91.9	92.4	93.0	93.2	93.5	93.5	93.5	
≥ 700 ≥ 600	75.5 75.5	82.7	84.7	86.9	89.9	90.0	92.2	93.0	93.9	94.9	95.7 95.8	95.9	96.2	96.2	96.2	96.3
≥ 500 ≥ 400	75.5 75.5	82.7	84.7	86.9	89.9	90.1	92.6	94.2	94.5	95.4	96.2 96.2	96.5	97.3		97.6 97.6	98.0 98.0
≥ 300 ≥ 200	75.5 75.5	82.7 82.7	84.7	87.1 87.1	90.1 90.1	90.4	93.0	94.6	94.9	95.9	96.9	97.2	98.8	98.4 98.8	98.8	
≥ 100 ≥ σ	75.5 75.5	82.7	84.7	67.1 87.1	90.1	90.4 90.4	93.0	94.6	94.9	96.3	97.3	97.6 97.6	98.8			100.0

TOTAL NUMBER OF OBSERVATIONS 739

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING PIVISION FIAC, USAP ASHEVILLE, 4. C. 28801

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-3000

CEILING							V	ISIBILITY (ST	ATUTE MILE	:S)				·		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	18.1	18.0	18.6	18.6	18.6	18.6	18.8	18.8	18.9	19.2	19.7	19.2	19.2	19.2	19.2	19.2
≥ 18000	19.1	19.1	19.1	19.1	19.1	19.1	19.2	19.2	19.3	19.6	19.6	19.6	19.6	19.6	19.6	19.6
≥ 14000 ≥ 12000	18.1 19.2	19.1	19.1	19.1	19.1	19.1	19.2	19.2	19.3	19.6	19.6 20.7	19.0 20.7	19.6 20.7	19.6	19.6	19.6
≥ 10000 ≥ 9000	20.5	21.2	21.9	21.2	21.2	21.2	21.4	21.4	21.5	21.6	22.4	21.5	21.8	21.8	21.8 22.4	22.6
≥ 8000 ≥ 7000	21.4 24.1	22.5	22.8 25.7	22.8	22.8 25.7	22.8 25.7	23.0	23.0	23.1	23.4	23.4	23.4 26.5	23.4	23.4	23.4	23.4
≥ 6000 ≥ 5000	25.9 28.9	27.7	27.7 30.7	27.7	27.8	30.9	28.4	28.4	28,5	28.8	28.8 31.8	28.8	28,8	28,8	28,8 31.8	28.8 31.8
≥ 4500 ≥ 4000	31,5 35,1	33.5	33,5 38,9	33.5 38.9	39.1	33.8	34.2 39.6	34.2	34.3 39.7	34.6 40.0	34,6 40.0	34.6 40.0	34.6	34,6 40.0	40.0	34.6
≥ 3500 ≥ 3000	40.4		43.5 54.2	43.5 54.3	43.9 54.7			55.4	44.6 55.5	55.9	45.0 56.1	45.0 56.1	45.0 56.1	56.1	45.0 56.1	50.1
≥ 2500 ≥ 2000	56.9 04.9	62.6 71.5	73.1	63.9 73.9	74.5	74.0	65,3 75.3	75.3	75.4	76.1	66.2 76.2	76.2	70.2	76.2	76.2	76.2
≥ 1800 ≥ 1500	76.1	78.2	75.4 80.7	70.2	76.8	76.9	77.7 83.6		77.8 63.8	78.5	84.9	78.6 84.9	78.6	84.9	78.6	54.9
≥ 1200 ≥ 1000	72.6	80.8		84.5	68.2	85.5	80.9	89.9	87.0 90.0	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900 ≥ 800	73.8	83.8	87.6	88.0	90.4	90.5	91.1 93.1	91.1	91.2	95.3	95.5	93.2	93,2	95.5	93.2	95.5
≥ 700 ≥ 600	73.9	85.0	87.7	89.3	90.5	90.7	93.2	93.8	93.5	95.4	96.2	95.7 96.2		96.2	95.7	96.3
≥ 500 ≥ 400	73,9	85.0	87.7	89.5	90.7		94.6	94.7	94.9	97.2	97.7	97.7		98.1	98.1	
≥ 300 ≥ 200	73.9	85.0	87,7	89.5	90,7	90.9	94.6	94.7	94.9	97.2		97.7	98,2			
≥ 100 ≥ 0		85.0				90.9		_				98.1 98.1	98.6	98.6		100.0

TOTAL NUMBER OF OBSERVATIONS 740

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CATA PERCESSION DIVISION ATR FET EN LEVELLY AL

CEILING VERSUS VISIBILITY

FR. LLISTER DAY STATION SAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_5700=5300

MONTH

CENTAG	i						٧	ISIBILITY -ST.	ATUTE MILE	:S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ ′′.	≥ 0
NO CEILING ≥ 20000	19.9	21.1 21.7	21.5	21.5	21.5	21.1	21.2	21.5 22.1	21.5	21.4	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000 ≥ 16000	20.1 20.1	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1 22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 14000 ≥ 12000	20.1	41.7	22.4		22.4	22.1	22.1	22.1	72.1 22.4	22.1	22.4	22.4	22.1	22.1		22.1
≥ 10000 ≥ 9000	20.1	22.6	23.0	23.2	23.0	23.0 23.2	23.0	23.7	23.d 23.2	23.0 23.2	23.0	23.0	23.0	23.0	23.2	23.2
≥ 8000 ≥ 7000	23.7	23.4	23,d 26,3	26.3	23.4	23 et 26 e 3	20.3	23.8	23.8	23.4	23.8	25.8	23.8	23.8	26.3	25.3
≥ 6000 ≥ 5000	31.0	29.7 34.1	30.1		30.1	30,1 34,6	30.1	30.1	30,1 34.6	30.1 34.0	30.1	30.1	30.1	30.1	30.1	30.1
≥ 4500 ≥ 4000	32.2 17.0	40.9	36.0	41.7	36.0	36.0	36.0	36,0 41.7	36,0	36.0 41.7	36.0 41.7 48.4	36.0	36.0 41.7 48.4	36.0 41.7	30.0 41.1 48.4	41.1
≥ 3500 ≥ 3000	42.5 20.0	47.0 55.0	47.7 56.6		48.4 57.5 67.6	48,4 57.5	48.4 57.5	48.4 57.5 67.8	48.4 57.5 67.8	57.5	57.5	48,4 57,5 67.8	57.5 67.6	57.5	57.5	57.5
≥ 2500 ≥ 2000	56.0	75.3	77.1 78.9	77.9	78.3	78.3	78.3	78,5	78.5	78.6	78.7	79.7	78.7	78.7	78.7	78.7
≥ 1800 ≥ 1500	70.1	81.6 85.8	84.1	85.2	30.1	90.1		90.4	85,9	86.0	86.2	90.7	86.2	86.2	80.2	80.2
≥ 1200 ≥ 1000	74.4	87.5	90.5	92.1	93.4	93.4		93.9	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94,2
≥ 900 ≥ 800	74.5	88.3	91.3	93.0	93.8	93.8	94.0	94.4	94.4	95.7	95.6	95.4	95.4	95.4	93.4	95.4
≥ 700 ≥ 600 ≥ 500	74.5	88.9 8.84	91.9	93.1	94.2	94.2	94.7	95.0	95.0	95.8	95.9	95.9	90.1	96.1	96.1	90.1
≥ 400	74.7	89.0	92.0	93.9	95.4	95.4	95.9	96.3	96.5	97.4	97.7	97.7	97.8	97.6		98.6
≥ 200	74.7	69.0	92.0	93.9	95.4	95.4	95.9	96.9	96.5	97.7	98.0	98.0	98.4	98.4	99.	99.0
\(\frac{1}{2}\)	74.7	89.0			95.4	95.4	95.9	96.5	96.5	97.7	98,0	98.0	98	96.5	99,0	100 0

TOTAL NUMBER OF OBSERVATIONS

738

DATA PROCESSING DIVISION CTAC, USAF ASHEVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(Ei,ING		_					V:	ISIBILITY ST	ATUTE MILE	ES,						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 1 %	≥ 1%	≥	≥ ¾	≥ 5 8	≥ '3	≥ 5 16	≥ '•	≥ 0
NO CEILING ≥ 20000	27.2 28.7	28.4		28.9	2H.9		29.4	29.4	20.4	29.7 31.2	29.1	29.1	29.7	29.7 31.2	29,7	29.7
≥ 18000 ≥ 16000	28.7	30.0	30.3	30.4	30.4	30.4	30.9	30.9 31.0	30.9		31,2	31.2	31.2	31.2 31.3	31.2	31.2
≥ 14000 ≥ 12000	30.6	31.0	32,1	32,3	37.3	32.3	32.7	32.7	32,7	33.0	33.0 34.3	33.0	33,0	33.0	33,0	33.0
≥ 10000 ≥ 9000	31.5	33.0	33,3	33.5	33.5	33.5 33.8	33.9	33.9 34.3	33,9		34.5	34.3			34.3	34.3
≥ 8000 ≥ 7000	33.5	35.0 37.0	35.3	35.5 37.5	35.5	35.5 37.5		35.9	35.9 37.9		35.2 38.2	30.2	35.2 38.2	36.2 38.2	36.2 37.2	36.2
≥ 6000 ≥ 5000	37.9	40.2	41.0	41.1	41.3	41.3	41.7	41.7	41.7	42.0		42.0				42.0
≥ 4500 ≥ 4000	47.7	45,9 30.6	(<u> </u>	46.9	47.2	47.2	47.7	47.7	47.7	48.0	45.0	48.0 53.4	•		48.0	
≥ 3500 ≥ 3000	51.4	56.1	57.2	57.5	58.0 64.8	58.0	58.7	58.9	58.9	59.3 66.8	59.3 66.3	59.3	59.5		39.5	59.5
≥ 2500 ≥ 2000	64.8		71.3			72.6	74.2	74.8	74.9	_	75.5	75.5				
≥ 1800 ≥ 1500	65.4 c7.1		79.5		85.6	81.7	83.5	84.6	84.7	85.6	85.6	85.0	85.8	85,8	85.8 90.1	
≥ 1200 ≥ 1000	07.4	78.5	83.6	34.9	87.2	87.2	89.1	90.4	90.5 92.5		91.4	91.4	71.6	91.6	91.6	91.6
≥ 900 ≥ 800	of .3	79.4		80.2	88.7	88.7	91.0		92.5		94.6	94.6	95.0		95.0	95.0
≥ 700 ≥ 6 00	68.5	79.5	85.0	F6.4	89.1	89.1	91.4	93.0	93.1	95.6	96.0	96.0	96.3	96.3		96.3
≥ 500 ≥ 400	68.5 68.5	79.5 79.5	85.0		89.1	89.3	91.9	93.6	93.7	96.2	97.2	97.2		98.0	98.3	98.0
≥ 300 ≥ 200	08.5	79.5	85.0	86.4		89.3	91.9		93.7	96.2		97.6	98.5	98.6	98.6	98.0
≥ 100 ≥ 0	0A . 5	79.5	85.0	86.4		89.3	91.9	93.6	93.7	96.5	97.9	9:,9	98.9	99.1	99.1	

TOTAL NUMBER OF OBSERVATIONS ______

USAF ETAC JULES 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CATA PRICESSING CIVISING CTAUS CIAF CTAUS CIAF ASCRITTERS No. C. 28671

CEILING VERSUS VISIBILITY

160 A T APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIL NG							V	SIBILITY ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ,	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/4	≥ 5, 16	≥ '4	≥ 0
NO CEH-NG ≥ 20000	25.8	27.7	27.8	27.8	28.3 29.8	28.3	28.3		28.4 30.0	28.4	28.5	28.0	30.3	28.7	28.7	25.7
≥ 18000 ≥ 16000	27.2	29.1	29.4	29.4	29.8 29.8	29.h		29.8	30.0 30.0	30.0	30.1	30.1	30.3	30.3	30.3	30.3
≥ 14000 ≥ 12000	27.7	29.5 30.9	29.8 31.2	29.8	30.3	30.3	30.3	30.3	30.4	30.4	30.5	30.0	30.8 32.3	30.8	30.8 32.3	30.8
≥ 10000 ≥ 9 000	28.9	30.9 31.d	31.2	11.2 32.1	31.7	31.7	31.7	31.7	31.8 32.4	31.8	32.0	32.0	37.3	32.3 33.2	32.3 33.2	32.3 33.2
≥ 8000 ≥ 7000	30.3	32.3		32.6	33.1	33.1 35.5	33.1	33.1	33.2	33.2	33,4	33.4 36.0	33.7 36.3	33.7	33.7	33.1
≥ 6000 ≥ 5000	34.0	36.8 40.0	37.9	38.2	38.6	38.6 41.9	39.1	49.1	39.3 42.5	39.3	39.4	39.4	39.7	39.7	39.7	39.7
≥ 4500 ≥ 4000	38.3 43.9	41.4		42.8	43.3	43.3	43.7	43.7	43.7	43.9	44.0 50.7	44.0 50.7	44.4	44.4	44.4	51.0
≥ 3500 ≥ 3000	47.5 53.5	51.9	53.2	53.5	54.3	54.3	54.7	54.9	55.0 63.9	55.2	55.5	55.5	55.8 64.8	55.8	55.R	55.8
≥ 2500 ≥ 2000	39.5 34.8		69.6		71.4	71.4	71.9	72.2	77.6	73.0		73.4	73.7	73.7	73.7	73.7
≥ 1800 ≥ 1500	05.4	75.4		79.6	81.1 84.1		82.4	82.8		83.9	88.3	84.4	84.7	84.7	84.7 88.7	P4.7
≥ 1200 ≥ 1000	64.5	76.8	112,7	53.6		85.9	87.8 90.7	88.4	88.9	90.0	90.6	90.7		91.0		91.3
≥ 900 ≥ 800	68.6	AU 4	85.2	80.2	89.0	89.0		91.5	92.0	93.8	94.6	94.7		95.4	95.5	95.8
≥ 700 ≥ 600	08.6 08.6	80.4 80.4	85.2	80.2	89.0	89.0		91.7	92.1	94.0	94.7	94.9	96.1	96.1	96.4	96.8
≥ 500 ≥ 400	08.6 08.6	BU . 4	85.2	86.2	89.2	79.2	91.5	92.1	92.6	94.4	96.0	96.1	97.5	97.5	97.8	98.1
≥ 300 ≥ 200	68.6 68.6	80.4		86.4	89.2	89.2	91.5	92.1	92.6	94.4	96.4		98.0	98.0		98.8
≥ 100 ≥ 0	08.6 08.6	80.4	85.2	86.2	89.2		91.5	92.1	92.7	94.7	96.9	97.1	98.5	98.5 98.5	99.2	

647 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING PIVISION PTAC, USAF ASHEVILLE, ... C. 28601

CEILING VERSUS VISIBILITY

16603 ERIBISHER MAY STATION MAYE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

et inse	!						v	ISIB:LITY ST	ATUTE MILE	s						
+181	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 :	≥ 2	≥17,	≥1'.	≥ ι	≥ 14	≥ 5 8	≥ 7	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	18.8	20.3 22.3		20.3	20.3	20.3		20.3		20.4	20.4		20.6			
≥ 18000 ≥ 16000	20.4	22.3	22.3	22.3		22.3	22.7	22.4	22.4		22.7	22,/	22.7	22.7	22.7	22.7
≥ 14000 ≥ 12000	21.2	23.0	23.9	23.0	23.0	23.0	23.7	23.2	23.2	23.3	23.5	23.5	23.5	23.5	23.5	29.5
≥ 10000 ≥ 9000	23.3	25.2	25.2 25.5	25.2	25.2 25.5	25.2 25.5	25.2	25.5	25,3	25.5 25.6	25.9	25.6		25,61 25,9	25.5	25.6 25.9
≥ 8000 ≥ 7000	24.1	25.9	25.9 29.4	25.9	25.9	25.9 29.7	25.9	29.9	29.9	26.2 30.0	26.41 30.2	26.4 30.2	26.4	30.4		26.4
≥ 6000 ≥ 5000	30.9	33.1 37.3	37.5	33.2	38.3	33.7 38.3	33.7	30.6	38.4	38.6	38.7		34.1 38.7	38.1	34.1	39.7
≥ 4500 ≥ 4000	37.0 42.7		46.2		47.4	47.4		47.7		48.0		41.2	49.3	48.3	41.7	48.3
≥ 3500 ≥ 3000	45,9 52.4		60.1	50.6	62.8		63.4		52.9 63.6	64.2	64.6	53.4	64.8		04.9	
≥ 2500 ≥ 2000	59.8	73.2	77.0	70.0 78.7	81.4	A1.4		83.1	73.3	73.9	84.3	74.4	84.5		24.6	R4.5
≥ 1800 ≥ 1500	27.4	77.4		P 3 . 1		P6.4		86.7	88.7		90.5		91.2	91.3	91.3	91.3
≥ 1200 ≥ 1000	08.4		83.7	84.5	59,3	89.3		9401	97.2	92.1	94,7	94.7		95.4	95.6	99.0
≥ 900 ≥ 800	08.4	79.4	83.7		89.3	89.3	91.8		92.1	94.1		94.5	95.4	93.6	95.7	93.7
≥ 700 ≥ 600	68.4	79.4	_	85.8	69.6		92.1	92.4		94.8	95.6		96.2		95.5	90.5
≥ 500 ≥ 400	08.4	79,4		85.8	89.6	89.6	92.2		92.7	95.3	96.6		97.4	97.0		97.9
≥ 300 ≥ 200	08.4	79,4	83.8		89.6	89.6	92.2	92.8	92.8	95.6	97.0	97.0		98.0	YPAC	90.0
≥ 100 ≥ 0	58.4 68.4				89.6			92.8				97.1	97.9			170.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING MIVISION ETAC, USAF ASHEVILLE, ... C. 280'1

CEILING VERSUS VISIBILITY

LOGIST FALE IS THE SAY STATION NAME OF THE

_050041700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

gr %G							v	SIBILITY ST	ATUTE MILE	S.				· · · · ·		
198	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	≥ 1',	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
2000 2000	13.2	14.3	14.4							16.1		19.5	16.3	16,3	15.3	
7 18000 16000	16.3	17.b	17.9	18.2		19.0	19.1		19.1				1	1	19.5	-
* 4015 2 1503 	17.2:	2101	21.4	21.7	20.1	22.5	22.6	20.5	22.9		23.3	23.3	23.3	23.3	20,8	23.6
	41.7.	2002	26.5	24.0	25.5	25.5	25.7		26.0	26.1	26.1	20.1	26.3	26.3		26.4
* 8000 * **	ععقه	28.0.	28.9	29.3	20.3 30.2 33.1	30.2	30.4	26.7 30.7 33.6	30.7	31.2		27.1 31.3	27.1 31.3	27.1 31.3 34.3	31.3	فعدت
	14.3.	31.4.	18.3	38.8		40.1	60.3	40.0		41.2	43.3	41.3	41.3	41.3	43.3	41.5
	slal.	40.2.	40.7	47.1		48.5	48.6	49.2		50.2	50.8	50.6	•	50.0	56.1	50.9
	21.3.	Saul.	50 B	61.6	63.1	53.1	63.4	34.0	64.0	65.5		66.1	76.3	76.4	75.4	
	21.7	75.5	77.4	78.9	81.5	21.6	82.8	84.0	84.0	85.9	86.5	86.5	86.8	86.9	85.9	R7.1
	23.4. 1.	77	79.5	41.5	84.7	85.0	86.6	87.2	88.3	90.7	90.3	91.4	91.9		92.1	92.2
		77,0	19.9	82.2	84,3	86.B	88.5	90.6	90.7	93.5	94.2	94.2	95.4	95.6	95.6 95.6	95.7
		70.5	¥0.4	32.4	86.9	87.4	69.4	91.5	91.8	94.8		95.6	96.8	97.0	97.0	
	34.0	78.1	80.4	82.8	86.9	87.4	89.5	91.8	92.1	95.3	96.2	96.2	97.4	97.0		96.0
	34.0.	78.3	80.4	82.6	86,9	87.4	89.5	91.5	92.1	95.4	96.4	90.4	97,7	97.9	98.3	98.9
* 00 T	04.0	78,3 78,3	80.4	82.8 82.8	86.9	87.4	89.5	91.8	92.1	95.4	96.5	96.5	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS____

USAF ETAC 1014 0:14-5 (OL 1) PREVIOUS EDITIONS OF ARE OBSOLETE

DATA PROFESSING DIVISION FTAC, USAF ASELVILLE, ... C. 28801

CEILING VERSUS VISIBILITY

16602 FAIRISHER HAY GATON NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1400

** JV

CE . NG							Vi	SIBILITY STA	ATUTE MILE	S:						ĺ
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	21.1	≥ 1%	≥ 1	≥ ¾ .	≥ 5 8	≥ %	≥ 5-16	≥ '₄	≥ 0
NC CE UNG ≥ 20000	13.5	10.9	17.4	17.4	17.8	17.8 21.6	17.8 41.0	17.8	17.8 21.0		18.0	15.0	18.1 21.5	18.1	18.1	13.1
≥ 18000 ≥ 16000	14.6	19.9	20.5	20.5	21.0	21.0	1	21.6	21.0	21.3	21.3	21.3 21.3	21.5	21.5	21.5	21.5
≥ 14000 ≥ 12000	19.2	20.7	21.3	21.3	21.9	21.9	22.2	22.2	22.2	22.5	22.5	22.5	22.7	22.7	22.7	22.7
≥ 10000 ≥ 9000	23.3	25.3	25.7 26.0	25.9	26.8	26.9	27.1	27.1	27.1	27.4	27.4	27.4	27.5	27.5	27.5	27.5
≥ 8000 ≥ 7000	29.4	20.9	27.7	27.7	28.8 34.1	28.8		29.1	29.1	29.4	29.4	29.4	29.5	29,5	29.5	
≥ 6000 ≥ \$000	30.9	33.8	34.7	35.0	36.1 41.6	36.1	36.4	36.5	36.5	37.0	37.0 42.9	37.0	37.1 43.1	37.1	37.1	37.1
≥ 4500 ≥ 4000	37.3 42.6	41.7	42.8	43.2	44.3	50.2	45.1	45.2	45.2		45.6	45.5	46.0 52.1	46.0 52.1	46.1 52.2	46.1
≥ 3500 ≥ 3000	46.9	52.5	53.6	54.0	55.4	55.4	56.3	56.5	56.5	57.1	57.1	57.1	57,2	57.2	57.4	57.4
≥ 2500 ≥ 2000	53.0 51.8	72.1	67.1	68.0	79.0 78.8	70.0	71.7	72.3	72.3 82.3	73.8	73.8 84.0	73.8	74.0	74.0	74.1 84.3	74.1
≥ 1800 ≥ 1500	62.9	72.5	74.9 77.6	75.8	79.8	79.8	-	83.1	63.3 87.2		84.9	84.4	85.1	85.1 90.0	85.2 90.4	
≥ 1200 ≥ 1000	03.0	75.0	78.2	79.1	83.6	83.7	86,3	87.7	88.0 89.8	90.1	90.1	90.1	90.7	91.0	91.5	91.5
≥ 900 ≥ 800	63.0 63.0	75.2	78.7	79.3 79.3	84.8	84.9	86.4	90.0	90.5	93.0	93.2	93.2		94.4	94.8 95.1	94.8
≥ 700 ≥ 600	63.0 93.0	75.2	78.2 78.2	79.3	84,9	85.1 85.1	88.7 88.7	90.3	90.6	93.3	93.6	93.6	93.0	95.3	95.3 95.7	95,7
≥ 500 ≥ 400	03.0	75.2 75.2	78.2 78.2	79.3	84.9	85.1	88.7	90.3	90.6	93.8	94.4	94.4	95.6	95,9	96.8	97.0
≥ 300 ≥ 200	63.0	75.2	78.2 78.2	79.3	84.9		88.7	90.3	90.7	94.1		94.8	95.9	90.3	97.6	97.7
≥ 100 ≥ 0	63.0	75.3		79.5	1	85.2		90.4			95.0 95.0		96.0		95,0	

657 TOTAL NUMBER OF OBSERVATIONS...

DATA PRICESSING DIVISION ETACA MARKA AGREVILLEA . C. 28001

CEILING VERSUS VISIBILITY

16647 ENUMISTER LAY INT OUT ALT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 #1 100

CEILING							٧	ISIBILITY (ST.	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.0	20.6	20.6	20.8 22.6	20.8	20.6 22.9	20.6	20.8	20.8		21.5	21.3	21.7		21	21.7
≥ 18000 ≥ 16000	20.9	22.0	22.6	22.8	22.9	22.9	22.9	22.9	22.9	23.5	23.8	23.8 24.6	24.0	74.0	24 . C	24.0
≥ 14000 ≥ 12000	22.0	23.8	23.0	24.0	24.1	24.1	24.1 26.6	24.1	24.1	24.7	25.0	25.0	25.2	27.0	24.3	25,9
≥ 10000 ≥ 9000	25.2	27.0	27.0	27.2	27.5	27.5	27.5 27.6	27.5	27.5	28.1 28.2	28.4	28.4	28.5	28.5 28.7	28.7 28.8	28.6 29.0
≥ 8000 ≥ 7000	26.1 30.0	28.1	28.1 32.5	28.2	24,8 33.6	28.5	29.0 34.0	29.1 34.1	29.1 34.1	29.7 34.7	30.0	30.0	30.Z	30.2 35.2	: 7.3 15.4	30.5
≥ 6000 ≥ 5000	30.7	33.5	33.5	34.1 37.8	34.9	34.9	39.1	35.2	35.2	35.8 39.8	36.1	36.1	36.3	30.3 40.5	31.4 40.7	36.6 60.6
≥ 4500 ≥ 4000	34.4	44.9	39,3	40.1	41.3	41.3	41.6	41.7	41.7	42.3	49.0	42.0	43.1	43.1	45.2	43.4
≥ 3500 ≥ 3000	49.8	50.7	51.6 58.0	52.5 59.2	53.9	54.0	54.3 62.1	54.5	54.5	55.1	55.4 63.6	55.4	55.A	55.8	56.0 64.3	54.5
≥ 2500 ≥ 2000	58.7	70.0		74.1	08.0 77.2	77.4	_	70.1 80.1	70.1 80.1	70.9	71.2 81.5	71.2	71.8	71.8	71.9	72.1
≥ 1800 ≥ 1500	50.4	70.1	72.4	74.4	77.5	77,7 80.7	79.5 83.5	84.4	84.4	86.5	81.9	86.0	87.6	87.7	87.9	
≥ 1200 ≥ 1000	01.2	72.0	75.1 75.3	77.4	81.5	81.0 83.6	86.9	85.4	85.4	90.9	91.2	88.2 91.2	92.0	89.1	92.4	92.6
≥ 900 ≥ 800	01.3	72.8	75.3 75.3	77.8	63.8 84.1	84.2	87.7			92.1	92.4	92.4	93.3	93.5	93.0	
≥ 700 ≥ 600	01.3	72.8	75.3	78.0	84.2	84,4 84.5	88.2	89.4	89.7	93.5	93.6		94.8	94.7		99.1
≥ 500 ≥ 400	01.3	72.6	75.3	78.0	84.4	84.5	88.2		89.8	93.9	95.3	95.3	96.5	96.7	97.1	97.4
≥ 300 ≥ 200	61.3	72.8	75.3		84.4	84.5				94.1	95,4	95.4		96.8	97.4	97.9
≥ 100	61.3	72,8	75.3 75.3	78.0	84.4	84.5	88.2	89.5			95.4	95.4	97.0		• 1	100.0

TOTAL NUMBER OF OBSERVATIONS 659

USAF ETAC JUL 68 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

10613 FROBISHER BAY NOT DOT APT

42-49

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ា ដក់បំទំនិង០០

CEILING	!						٧	ISIBILITY (ST	ATUTE MILI	ESI						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5·1 6	≥ '4	≥ 0
NO CEILING ≥ 20000	25.5	26,9	27.2	27.5	28.1	28.1	28.5	28.5	28.5	28.5	28.5	28.5	- •		2A.8	28.8
≥ 18000 ≥ 16000	27.0	28.4	28.7 28.7	29.0	29.6	29.6	30.0	30.0	30.0	30.0 30.0	30.2	30.2	30.2	30.2 30.2	30.5	30.5
≥ 14000 ≥ 12000	28.8	29.4 30.2	29.7	30.0	30.7	30.7	31.1	31.1 31.9	31.1	31.1 31.9	31.3	31.3		31,3 32.0	31.6	31.7
≥ 10000 ≥ 9000	29.4	31.1	31.4	31.7	32.3	32.3 32.6	32.R 33.1	32.8	32.8 33.1	32.6 33.1	32.9	32.9 33.2	32.9	32.9	33.2	33.4
≥ 8000 ≥ 7000	31.4 34.1	33.1 35.6	33.4	33.7 36.4	34.3	37.0	34.7	34.7 37.5	34.7	34.7	37.9	34.9 37.9	34.9	34,9	35.2	35.4
≥ 6000 ≥ 5000	35.1	37.2	37.5	37.8	38.4 42.6	38.4 42.6	38.8	38.8 43.1	38.8 43.1	38.8	39.3	39.3	43.6		43.0	19.8
≥ 4500 ≥ 4000	45.4	42.9	50.2	20.8	51.7	51.7	45.1 52.4	45.1 52.4	47.1 52.4	45.1 52.4	45.5 52.8	45.5 52.8	45.5 52.8	32.8		53.3
≥ 3500 ≥ 3000	49.5 55.1	53.7	54,9 63,3	55.7	65.3	56.6	57.2	57.2	57.2 65.9	57.4	57,8	57.8	57.8	57.6	50.1 66.2	66.9
≥ 2500 ≥ 2000	59.2	73.0	69.8 77.1	70.9	71.9	71.9	73.0	73.3 82.2	73.3	82.5	73.9 83.0	73.9	73.9	73.9	74.7	74.4 R3.0
≥ 1800 ≥ 1500	65.6	74.1	78.3 80.1	82.2	84.1	84.1	85.9	83.6	86.6	84.1	88.2	88.2	84.7	88.3	88.6	88.6
≥ 1200	66.8	76.9		84.2	85.7	87.1	88.0	90.3	90.4	91.2	90.4	90.4	90.6	92.3	42.6	91.0
≥ 900 ≥ 800	67.5	77.4			87.4	87.4	90.9	90.9	91.0	91.8	94.1	92.7 94.1	94.2	94.2	94.5	93.0
≥ 700 ≥ 600	57.7	78.1			88.5 88.6	88.5		92.4	92.6	93.5 93.6	94,5	94.5	94.7	94.5	95.0	
≥ 500 ≥ 400 ≥ 300	67.7	78,3 78,3	83.0	85.7	88,8 88,9	88.9	91.5 91.7 91.8	92.9 93.0 93.2	93.0 93.2 93.3	94.5	95,4 95,8	95.4 95.8 95.9	95.8 96.5 96.7	95.6 90.5 96.7	97.1	97.6
≥ 200	67.7	78.3	83.0	85.7	89.1	89.1	91.8	93.2	93.3	94.7	95.9		96.7	90.7	97.7	98.2
≥ 100 ≥ 0	67.7	78,3	83.0	1	89.1	89.1	91.8	93.2	93.3	95.1	96.5	96.5	97.3	l '	- 1	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $_{\text{JUL 64}}^{\text{FORM}} = 0.14.5$ (QL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- · -- · ...

DATA PROCESSING DIVISION FIAC, USAF ASHEVILLE, 11. C. 24671

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1100 E2400

CEILING							v	IS(BILITY ;ST	ATUTE MILE	:5)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.3	27,4	27.5	27.7	29.0	20.0	26.0	25.0	28.0	28.0	28.0	28.0	28.0 30.0	28.0	28.2	20.3
≥ 18000 ≥ 16000	27.5 27.5	29.7	29.8 29.8	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3 30.3	30.3	30.4	30.4
≥ 14000 ≥ 12000	29.9	31.1	31.2	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	
≥ 10000 ≥ 9000	30.3	32.4	32.7	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3 33.6	33.3	33,5	33.6
≥ 8000 ≥ 7000	37.4	34.6	34.9	35.2 37.9	35.5 38.2	35.5 38.2	35,5	35.5	35,5	35.5 38.2	35.5	35.5 35.2	35,5 38,2	35,5 38,2	35.6	
≥ 6000 ≥ 5000	35.8	38.8	39,1	39.4	39.7	39.7	39,7	39.7	39.7	39.9	40.7	40.2	40.2	40.2	40.3	
≥ 4500 ≥ 4000	41.1	50.2	45.5	46.0	46.3	46.3	46.6	46.6	46.6	46.7	47.0 52.8	47.0	47.0	47.0	47.2	47.3
≥ 3500 ≥ 3000	48.9 54.0	54.6	55.9	56.3	56.6	56.6	57.1	57.2	57.2	57.5	57.8	57.3	98.0 66.4	58.1	58.7 66.7	56.4 66.8
≥ 2500 ≥ 2000	29.2	57.9 74.0	70.6	71.4	72.0 80.1	72.1	72.9	73.4	77.5	74.0	74.4 83.1	74.4	74.7	74.7	75.0	
≥ 1800 ≥ 1500	05.0 96.8	75.2 78.4	79.9	60.8	86.3	81.9	82.8	83.3	83.4	90.1	90.6	84.9		75.5	91.5	85.8 91.6
≥ 1200 ≥ 1000	67.0	78.8	84.6	85.7	87.2 67.8	87.5	88.6	89.3	89.5	91.0	91.5	91.5	• -	92.2	92.4	92.5
≥ 900 ≥ 800	67.0	79.3	85.2	86.3	88.1	86.4	89.8	90.9		92.8	93.3	93.3	93.9	94.1	94.2	1
≥ 700 ≥ 600	67.1	79.5	85.4	86.5	88.3	58.6	90.1 90.1	91.2	91.6	93.6	94.2	94.1	94.8	95.1	95.3	
≥ 500 ≥ 400	67.1	79.5	85,5		88.4 88.4	88.9	90.6	91.9	92.4	94.7	95.7	95.7	96.7	97.0	97.1	97.3
≥ 300 ≥ 200	67.1	79.5			88.4	88,9			92.4	95.0	96.3	96.3	97.4	97.7	97.9	
≥ 100 ≥ 0	67.1	79.5	85.5		88.4	88.9		- 1	92.4	95.0	96.3	96.3	97.4 97.7		98.2 98.8	98.6 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 4 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OATA PROCESSING DIVISION FIACE USAF ASHEVILLED F. C. 28801

CEILING VERSUS VISIBILITY

16613 FROBISHER SAY SATION NAME STATION NAME

42-49

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_00%040500

CENING							٧	ISIBILITY (ST	ATUTE MILE	(S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/5	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	ر 1 ق	42.0	47.7	43.3	45.0	45.0	45.4	45.4	45.4	45.9	46.0 47.0	40.0	45.2	46.2	46.5	46.5
≥ 18000 ≥ 16000	38.1 48.1	43.0	43.7	44.4	46.0	46.0	46.4	46.4	46.4	46.9	47.0	47.0	47.2	47.2	47.6	
≥ 14000 ≥ 12000	97.1	44.0	44.7	45.4	47.0	47.0	47.4	47.4	47.4	47.9	48.1 49.1	40.1	48,2	48,2	48,6	
≥ 10000 ≥ 9000	40.3 40.5	45.4	45.0	46.7	48.4	48.4	48.7	48.7	48.7	49.2	49.4	49.4	49.5	49.6	47.9 20.3	49.9 5003
≥ 8000 ≥ 7000	40.5	43.7	45.4	47.0	20.9	48.7 50.9	49.1 51.3	49.1 51.3	49.1 51.3	49.6 51.6	53.9	49.7 51.9	49.9 52.1	49.9 52.1	50.3 52.4	
≥ 6000 ≥ 5000	45.9	55.6	52.8 56.8	57.5	55.5	59.5	56.2	56.2	56.3	57.0	41.7	57.3	57.5	57.5	57.8 62.2	47.8
≥ 4500 ≥ 4000	49,9	57.0 50.4	58.2	58.9	61.2	61.6	67.1	67.1	62.4	63.1 68.1	63.4 68.5	63.4	63.7	63.7	64.1	64.1
≥ 3500 ≥ 3000	35.1 60.2	69.5	65.4 72.2	73.9	70.2	70.5	71.3 78.1	71.3	71.5	72.5	72.8	72.5	73,2 80.1	73.4	73.7	
≥ 2500 ≥ 2000	62.9	71.3	74.2	75.9	79.4	79.9	83.8	80.9 83.8	81.1	85.7	86.0	82.6	86.7	83.5	83.8	87.2
≥ 1800 ≥ 1500	03.4 04.1	73.4	76.2	78.4	82.6	83.1	84.7	84.7	87.9	86.5	86.8	86.8		90.7	91.1	91.1
≥ 1200 ≥ 1000	64.6	75.4	78.2 78.4	80.4 80.6	85.2	85.8	87.7	88.2	88.4	90.1 91.1	90.4	90.4	91.1	91.2	91.6	93.1
≥ 900 ≥ 800	54.8 64.8	75.7	78.4	80.9	55.5	86.0	87.9	88.5	88.9	91.1	91.0	91.0	93.3	92.7	93.1	93.1 94.1
≥ 700 ≥ 600	54.B	75.7	78.8 78.8	80.9	85.5	86.3	88.2	88.9	89.2	91.6	92.2	92.2		93.9	94.4	94.8
≥ 500 ≥ 400	64.8	73,7	78.8	81.1	85.7	86.3	88.2	89.0	89.2	92.1	92.6	92.6	93,9	94,3	94.6	95.3
≥ 300 ≥ 200	64.8	75.7	78.8 78.8	81.1	85.7	86.5	88,4	89.2	89.5	92.2	93.1 93.1	93.1 93.1	94.1	94.4	95.3	95.6
≥ 100 ≥ 0	64,8	1	78,8	81.1	85.7	86.5	88,4	89.2	89.7	92.4	93.1	93,1	94.4	94,4	95.4	95.8

TOTAL NUMBER OF OBSERVATIONS 593

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAG, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16613 FRENTSHER HAY NUT DUT APT

0300-0300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

									ISIBILITY (ST	ATUTE MILE							
*:	£E1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
	EILING 20000	34.6	42.3	42.8	43.7	45.7	45.7	46.4	46.5	46.5	46.9		46.9	46.9		46.9	
		40.2	42.0	63.6	44.2	46.2	40.2	46.9	47-1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
	16000	40.2	42.8	43.4	44.2	46,2	40.2	46.9	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
		40.2	92.0	93.9	99.2	90.2	9000	46.9	47.1	9/1	9/09	4 / 4	47.4	47.4	7 (9	4 7 9 4	47.4
	2000	40.9	43.7	44.1	43.0	46.9	46.9	47.6	47.8	47.8	48 - 1	45.1	48.1	48.1	48.1	48.1	48.1
		41.0	****	4448	*3*	8/40	4/40	48.3	48.5	4747	48.0	48.8	40.0	60.0	40.0	40.0	49.0
	9000	42.8	45.7	40,2	47.1	49.0	49.0	49.7	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	
		-2-6	40.6	90.9	4/.5	69.7	49.7	50.4	50.6	50.0	21.0	51.0	51.0	21.0	51.0	21.0	21.0
	7000	43.9	47.1	47.6	40.3	30.4	50.4	51.5	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7
		45.0	40.3	97.2	20-1	22.0	22.0	52.7	32.9		53.3	53.3	53.3	53.6	53.6	53.6	
	5000	47.1	51.2	32.4	53.5	55.4	23.4	56.1	50.3	56.5	36.6	56.8	56.8	57.2	57.2	57.3	
		47.1	25.0	3/42	20.6	00.9	9101	02.3	62.5	62.7	63.0	63.0	63.0	63.6	63.4	63.9	63.9
	4000	20.6	56.5	50.2	59.5	01.4	02.3	63.5	63.7	63.9	64.2	64,2	04.4	64.8	64.8	65.3	
		22.4	58.8	61.2	62.5	05.0	02.3	26.9	6741	67.3	67.6	67.8	00.1	6B.5	68.5	69.0	
	3500	55.0	62.8	65.5	96.4	69,4	69.7	71.3	71.5	71.7	72.0	72.2	72.6	72.9		73.5	
		28.6	<u>08.00</u>	70.8	72.6	75.2	75.6	77.2	77.9	7841	78.9	79.1	79.5	79.8	79.8	80.4	80.4
	2500	00.2	70.4	73.5	75.8	78.4	78.8	80.4	81.2	81.4	82.5	82.7	83.0	83.4	83.4		83.9
		92.3	73.1	76.6	79.3	82.1	82.5	84.4	85.3	85.2	36.9	87.1	87.4	87,8		88.3	50.3
	1800	62.3	74.1	76.6		82.3	82.7	84.6		85.7	87.1	87.3	87.0	88.0			88.5
		63.2	74.2	77.7	80.9	84.1	84.6	86.7	87.0	87.8	89.6	90.1	90.4	90.6	90.6	91.5	21.5
	1200	54.2	75.2	78.9		65.5	86.0		69.0	89.2	91.2	91.7	92.0	92.4		93.1	
≥	1000	64.2	73.2	79.1	82.5	86.0	86.5	86.6		90.1	92.2	93.3	93.0	94.2	94.2	94.9	34.9
≥ .	900	64.2	75.2		82.5	46.0	86.5	88.8	89.9	90.1	92.2	93.3	93.6	94,2	94.2	94,9	
≥	800	04.2	75.2	79.1	82.5	86.2	46.7	89.0		90.3	92.4	93.5	93.8	94.7	94.7	95.4	95.6
2	700	64.2	75,6	79.5		86.5	87.1	89.4		90.6	92.7	93.8	94.2	95.0	95.0	95.5	95.9
	600	44.2	73.6	79.5	83.0	86.7		89.6	90.6	90.8	92.9	94.0		95.2	93.2	95.9	90.1
2	500	64.7	73.6	79,5	83.0	86.7	87.3	89.6		90.8	92.9	94.0	94.3	95.2		95.9	96.1
≥	400	64.2	75.0	79,5	83.0	85.7		89.6		90.8	92.9	94,2	94.5	95.4	93.4	96.1	96.3
2	300	04.2	75.0	79.5	83.0	86.7	87.3	89.6		90.8	92.9	94,2	94.5	95,4		96.1	96.3
2	200	54.2	73.0	79.5	83.0	86.7	87.3	59.6			92.9	94.2	94.5	95.6	95.6	96.3	96.6
≥ .	100	64.2	75.6								92.9		94.5		95.0		
_≥	0	64.2	75.6	79.5	83.0	86.7	17.3	89.6	90.6	90.8	93.1	94,3	94.7	96.1	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS____

USAF ETAC JUL 4 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING DIVISION ETAC. USAF ASPEVILLES ". C. ZAHTI

CEILING VERSUS VISIBILITY

LOSCIA FRIEBLISHER MAY NOT THE APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_ ບຸຊຸລູດູຊຸດດ

CEILING							٧	ISIBILITY (ST	ATUTE MILE	S;						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	1 5	≥ ¾	≥ 5/8	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.5	39.4	40.2	40.4	40.8	41.0	41.5	41.8	41.8	42.4	42.4	42.4	42.7	42.7	42.7	42.9
≥ 18000 ≥ 16000	38.1	40.0	40.8	41.0	41.5	41.6	42.1	42.4	42.4	43.1	43.1 43.4	43.1	43.4	43.4	43.4	43.5
≥ 14000 ≥ 12000	38.6 40.4	40.5	41.3	41.5	41.9	42.1	42.6	42.7	42.9	43.5	43,5	43.5	43.9	43.9	43.9	44.0
≥ 10000 ≥ 9000	41.1	43.5	44.3	44.5	45.0	45.1	45,6	45.4	45.9	46.6	46.6	46.6	46.9	46.9	46.9	47.0
≥ 8000 ≥ 7000	42.7	45.3	46.1 20.1	46.3 50.4	46.7	46.9 51.2	47.4	47.7 52.0	47.7 52.0	48.3	48.3 52.6	48.3 52.6	48.6 53.0	48.6 53.0	43.6	48.0 53.1
≥ 6000 ≥ 5000	50-1	50,6	51,8 55,8	52.3 56.3	53.0 56.9	53.1 57.1	53.7 57.7	54.1 58.1	54.1 58.1	54.7 -58.7	54.7	54.7	55.0 59.0	55.0 59.0	35.0	55.2 59.2
≥ 4500 ≥ 4000	51 • 2 54 • 9	55,8 60,9	57.7	58.2	58.9 64.8	59.0	60.0	60.3	60.3	67.0	67.0	67.0	61.2	67.3	67.3	67.6
≥ 3500 ≥ 3000	57.1 61.1	63.6	65.9	72.2	73.4	73.7	75.0	69.4 75.6	75.6	70.0	70.0 76.4	70.0 70.4	70.3 76.7	70.3 76.7	77.2	70.8
≥ 2500 ≥ 2000	03.6 66.0	72.4	75.9	77.0 Po.9	78.6 83.3	78.9	80.2	80.9	80.9	87.7	81.7 87.1	81.7	87.7	87.7	88.2	88.6
≥ 1800 ≥ 1500	66.7	75.3	79.6	82.9	83.9	84.2	87.9	86.6	86.6	90.0	87.9 90.4	90.4	91.1	91.1	91.5	91.7
≥ 1200 ≥ 1000	67.3	77.3		84.4	87.4	87.7	89.0	90.1	90.1	92.3	92.2	92.2	93.0	94.4	93.5	95.1
≥ 900 ≥ 800	07.3	77.5	82.0	84.7	87.4	87.7		90.9	90.6	92.5	93.3	93.3	94.6	94.6 93.2	95.1 95.7	95.2
≥ 700 ≥ 600	07.3	77.6	82,3	84.7	87.7	88.0	90.1	90.9	91.1	93.0	93.8	93.8	95.4	95.5	96.0	95.9 96.2
≥ 500 ≥ 400	67.3	78.0	82.5	84.8	87.9	58.2 58.2	90.1	91.2	91.4	93.5	94.4	94.4	95.9	96.0 96.0	96.5	96.8
≥ 300 ≥ 200	67.3	78.0	82.5	84.8	87.9 87.9	88.2 88.2	90.1	91.2 91.2	91.4 91.4 91.4	91.5	94.4	94.4	95.9	96.0	97.c	97.3
≥ 100	67.3	78.0	82.5	84.8	87,9	85.4	90.3	91.4	91.5	93.9	94,9	94,9	96,3	96,5	97.4	

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, H. C. 28401

CEILING VERSUS VISIBILITY

16613 FROMISHER HAY STATION NAME

42-49

) F C

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0500-1700

CEILING							٧	ISIBILITY (ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILIN ≥ 20000	ニミノガーの	29.6	29.6	29.8	29.8	29.8	30.2	30.2	30.2	31.0	31.0	31.0	31.6	31.6	91.6 35.3	32·1 35·7
≥ 18000 ≥ 16000		33.4	33.4	33.7	33.7	33.7	34.2	34.2	34.2	35.0	35.0	35.0	35.6	35.6	35.6 16.0	36.0
≥ 14000 ≥ 12000		35.3	35,4	35.7	35,7	35.7	36.2 38.8	36.2 38.8	36.2 38.8	36.9 39.5	36.9	36.9	37.5 40.1	37.5	37.5	36.0
≥ 10000 ≥ 9000		39,8	40.0	40.3	40.3	40.3	40.7	40.7	40.7	41.5	41.7	41.5	42.1	42.1	42.1	42.6
≥ 8000 ≥ 7000		42.1	42.6	42.9	42.9	42.9	43.3	43.3	43.3	44.1 50.0	44.1 50.6	44.1 50.6	44.7 51.2	44.7 51.2	44,7 51.2	45.1 51.7
≥ 6000 ≥ 5000		51.5 54.9	52.7	53.3	53.5	53.6 57.4	54.1	54.1 58.2	54 . 1 58 . 2	54.9	54.9 59.0	54.9	55.5	55.5	55.5 57.6	56.2
≥ 4500 ≥ 4000		57.6	59.3	60.0	63.8	60.3	61.2	61.2	61.2	62.0	62.0	62.0	62.6	62.6	62.6	67.3
≥ 3500 ≥ 3000		63.4	65.3 70.8	66.3	66.9	67.0	68.2	68.4	68.4	69.6	69.6	69.6	70.2	70.2	70.4	71.1
≥ 2500 ≥ 2000		72.3	75.4 80.1	76.4	77.6	78.C	79.5	79.3	79.8	81.0 87.2	81.0	91.0 57.2	81.6	81.5 87.8	61.9	93.0
≥ 1800 ≥ 1500		76.7	80.9 82.5	82.2	84.3	84.7	86.3	86.9	86.9	91.0	86.1 91.0	88.1 91.0	91.9	88.9	89.2 92.2	90.4
≥ 1200 ≥ 1000		78.1	83.0	84.7	87.2	87.5	90.1	90.0	90.0	91.6	91.6	91.6	92.6	92.6	92.9	94.1
≥ 900 ≥ 800		78.6 78.7	•	85.3	88.0 88.1	88.4	90.1	90.9	90.9	93.2	93,9	93.9	94.8	94,8	95.1	96.4
≥ 700 ≥ 600		78.7	83.7	85.4	88.1	88.4	90.3	91.0	91.0	93.5	94,2	94.2	95.1 95.6	95.1	95.4	96.7
≥ 500 ≥ 400		78.7 76.7		85.4	88.1	88.4	90.3	91.0	91.0	93.8	94.5	94.5	95.7	95.7	96.4	97.7
≥ 300 ≥ 200		78.7		85.4	88.1	88.4	90.3	91.0	91.0	94.1	94.8 95.0	94.8	96.2	96.0	97.3	98.6 98.8
≥ 100 ≥ 0		78.7	83,9	85.6	88.3	88.6	90.4		91.2 91.2	94.2 94.2	95.0	95.0 95.0	96.2 96.2	96,2		98.8

TOTAL NUMBER OF OBSERVATIONS 62

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION FIAC, USAF ASHEVILLE, ... C. 28001

CEILING VERSUS VISIBILITY

16603 FAIRON FAIR WAY LIST LIST APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1360-1400

CEILING							V	SIBILITY IST	ATUTE MILE	\$1						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	2" . 3 32 . 1	29.2	29.8	30.1	37.9	31·1 35·2	31.5	31.5 35.6	31.5 35.6	32.0 36.1	32.1 36.2	32.1 36.2	32.7 36.8	32.7 36.8	32.7	32.9
≥ 18000 ≥ 16000	32 • 1 32 • 1	33.2	33.9	34.2	35.0	35.2	35.6	35.6 35.6	35.6	36.1	36.2	36.2	36.8	36.8	36.8	37.0
≥ 14000 ≥ 12000	33.8	35.0	35. ⁹	36 · 1	36.8	37.0	37.4	37.4	37.4	37.9	38.1	36 · 1	39.7	38.7	38.7	38.8
≥ 10000 ≥ 9000	37.7	39.7	40.5	40.9	41.7	41.9	42.3	42.3	42.3	42.8	42.9	42,9	43.5	43.5	43.5	44.3
≥ 8000 ≥ 7000	39.7	42.0	42.8		44.0	44.1	44.6	44.6	44.6	45.1	45.2	45.2	45.6	45.6	45.3	46 • 0 50 • 8
≥ 6000 ≥ 5000	45.2		50.7		52.2	52.4 56.5	52.8 56.9	53.0 57.1	53.0 57.1	58.0	53.7	53.7	54.3	54.3	54.3	54.5
≥ 4500 ≥ 4000	49.5	54.5	56.9	57.5	58.8	58.9	59.4	59.5	59.5	67.4	67.6	60.6	61.2	61.2	61.3	61.8
≥ 3500 ≥ 3000	55.9	1	73.1	68.3	70.5		71.4	71.7	71.7	72.8	72.9	72.9	73.5	73.5	73.7	74.2
≥ 2500 ≥ 2000	62.7	71.7	75.5	77.5		80.7				83.6		83.7	84.3 88.1	84,3	88.4	
≥ 1800 ≥ 1500	63.9	73.4 74.0	77.9		83.6			86.0	86.0	87.5	- 1	87.7	88.4	88.4	92.1	89.8
≥ 1200 ≥ 1000	64.5	74.0	78.8 78.8	81.3	84.8		87.2	88.1	89.3			91.2	91.9	91.9		
≥ 900 ≥ 800	64.5		78.8	81.3	85.2	85.8	88.1	89.2	89.3	92.5	93.2	93.2	94.1	94.1	94.5	95.9
≥ 700 ≥ 600	64.5	74.0 74.0	78.8	81.3	85.2 85.2	85.8	88.3	89.3	89.5	92.8		93.5	94.4	94.4	94.8	
≥ 500 ≥ 400	64.5	74.0	78.8	A1.3	85.2	85.8		89.3	89.5	93.0	93.0	93.6		95.0	95.7	97.4
≥ 300 ≥ 200	64.5	74.0	78.8	81.3	85.2	85.8		89.3	89.5	93.6	94.2	94.2	95.6		96.3	
≥ 100 ≥ 0			78,8	81.3	85.2	85.8	88.3	89.3	89.5	93.6	94.2	94.2		95.6	96.3	96.0

TOTAL NUMBER OF OBSERVATIONS 657

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION FTAC, USAF ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

16603 EXHBISHER BAY SUT THE APT 42-49

1300-1300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[· · · · · ·	· · ·	
CELLING							· · · · · ·	ISIBILITY 'ST	ATUTE MILE	:S)						
1939	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1/4	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5 16	≥ %	≥ 0
NO CEILING ≥ 20000	35.1	37.7	37.9	30.0	30.9	38.9	39.2	39.5	39.8	40.6	40.9	40.9	41.4	41.4	41.4	41.4
≥ 18000 ≥ 16000	36.6	39.4	39.5	39.7		40.0	40.9	41.2	41.5	42.4	42.5	42.0	43.1	43.1	43.1	43.1
≥ 14000 ≥ 12000	37.3	40.2	40.3	40.5	41.4	41.4	41.7	42.0	42.3	43.2	43,4	43.4	43,8		43.8	43.8
≥ 10000 ≥ 9000	39.5	42.9	43.1	43.2	44.1	44.1	44.4	44.7	45.0	46.0	46.1	46.1	46.6		46.6	40.6
≥ 8000 ≥ 7000	40.6	44.0	44.1	44.4	45.3	45.3	45.6	46.0	46.3	47.2	47.3	47.3	47.8			
≥ 6000 ≥ 5000	44.6	49.6	50.1	50.4	51.3	51.3	51.8	54.8	52.5	53,4 56.0	53.6	53.6	54.0			54.0
≥ 4500 ≥ 4000	47.8	59.1		53.9		55.1	55.6	56.0	56.3	57.3	57.4	57.4	57,9		57.9	58.0
≥ 3500 ≥ 3000	33.4	51.2		69.5	64.9	64.9 71.6	65.5	66.3		67.5	67.6	67.6	68.1	66.1	68.2 75.6	
≥ 2500 ≥ 2000	59,4	69.0	72.2	73.1	75.9	75.9		78.5	78.8	80.5		80.5	81.1	H1.1	81.2	81.4
≥ 1800 ≥ 1500	01.5	72.2		77.3	80.6	80.6	82.7	86.9	84.9	86.7	87.0		87,5	87.5	87,5	87.8
≥ !200 ≥ 1000	01.5	72.5	76.9	78.5	82.4	82.7	85.3	87.3	87,8	90.8	91.1	91.1	91.6			92.1
≥ 900 ≥ 800	51.5	72.5		78.5	65.0	83.4	86.1	88.2	88.9			93.1		94,0	94.7	95.4
≥ 700 ≥ 600	61.5	72.5	76.9	78.5 78.5	62.6	83.4	86.1 86.1	88.5		93.0		93.4	94.4			93.9
≥ 500 ≥ 400	61.5	72.5	76.9	78.5	82.6	83.4	86.1	88.5	89.2	93.6			95.0	95.0		96.6
≥ 300 ≥ 200	61.5	72.5		78.5	82.6	83.4	86.1	88.5	89.2	93.7		94.2	95.3			96.9
≥ 100 ≥ 0	61.5 01.5	72.3		78.5	82.6	83.4	86.1		89.2	93.7	94.2	94.2	95.3 95.3	95.j 95.j	96.0	96.9

TOTAL NUMBER OF OBSERVATIONS 655

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION FTAC - USAF ASHEVILLED ++ C+ 28HOL

CEILING VERSUS VISIBILITY

16013 EXHIBITER DAY THE STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 3449~3400

CEIUNG							· ·	ISIBILITY :ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.9 37.2	19.1 39.4	39,7	40.3	41.8	41.0	43.0	43.2 43.8	43.2	44.4	44.0	44.0	44.9	44.9	44.9	44.9
≥ 18000 ≥ 16000	37.4 37.4	39.0	40.4	41.3	42.6	42.0	43.8	44.0	44.0	45.2	45.4	45.4	45.7 45.7	45.7	45.7	45.7
≥ 14000 ≥ 12000	38.2 19.6	40.4	41.2	42.1	43.3	43.3	44.6	44.8	44.8	46.0	46.2	40.2	46.5	46.5	46.5	46.5
≥ 10000 ≥ 9000	40.8 40.8	43.2	44.0	44.9	46.2	46.2	47.4	47.6	47.6	48.8 48.8	49.0	49.0	49.3	49.3	49.3	49.3
≥ 8000 ≥ 7000	41.3	43.7	44.5	45.7	46.9	46.9	50.5	48.5	48.5	49.6 52.0	50.1 52.3	50.1	50.4	50.4	50.4 52.6	
≥ 6000 ≥ 5000	44.9	48.7	50.1 54.0	51.0	32.3	52.3 56.2	53.7 57.0	53.8 57.7	53.A 57.7	55.1 59.0	55.5 59.5	55.0 59.5		55.9 59.0	55.9 59.8	55,9
≥ 4500 ≥ 4000	49.0	54.0 56.1	55,6 59,9	57.0 61.3	58,4	58.4	59,8	59.9	59.9	61.2	61.7 66.7	61.7 66.7	67.0	67.0	67.0	
≥ 3500 ≥ 3000	54.0 36.0		62.8 66.8	64.2	66.0 71.0	66.0 71.0	67.6	67.9	67.9	69,8	70.3	70.3		70.6	70.6	
≥ 2500 ≥ 2000	33.2 61.3	57.1	70.1 73.2	72.3	74.6 78.9	75.1 79.3	77.2	77.5	77,6	79.8	80.3 86.1	80.3	50.5	80,6 86.7	50.6 86.7	
≥ 1800 ≥ 1500	07.6	71.0	74.8	77.8	80.4	40.9 82.6	84.2	84.7	84.8 87.5	87.0 90.1	87.6 90.9	87.6 90.9	-	86.3	88.3 91.7	88.3
≥ 1200 ≥ 1000	03.1	71.8	75.9 76.2	78.9	82.9	82.8	86.5	87.3 87.9	87.6		91.1	91 • 1 92 • 3	92.0	93.4	92.0	
≥ 900 ≥ 800	03.2	72.5	76.4 76.5	79.5 79.7	83.1 83.3	83.0	87.3	88.1 88.3	88.4 88.6	91.2	92.2	92.2		93.6	93.9	
≥ 700 ≥ 600	63.2	72.5	76.5	79.7 79.7	83.3	83.7	87.5	88.3	88.6	91.7	92.6	92.6	94.1	94.2	94.7	94.8
≥ 500 ≥ 400	63.2	72.5	76.5 76.5	79.7 79.7	83.3 83.3	83.7	87.5	88.3	88.6 88.6	92.3	93.3	93.3	94.7	94.8	95.5	95.8
≥ 300 ≥ 200	63.2	72.5	76.5	79.7 79.7		83.7	87.5	88.3	88.6		93.3	93.3	94.7	94.8	93.8 95.8	
≥ 100 ≥ 0	63.2	72.5	76,5		83.3		87.5	88.3 88.3	85.6		93.6	93.6		95.3	96.6	96.4

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PIVISION ETAC, 65AF ASMEVILLE, 4. C. 2860)

2

CEILING VERSUS VISIBILITY

166413 EXCHINER TAY NOT BUT APT 42-47

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~100=2300

CFILING				_			٧	IS(BILITY -ST.	ATUTE MILE	:S·						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥1'5	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ '5	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	ا • ا د 6 • 8 •	41.1	47.2	42.4	43.4	43.4	44.7	44.7	44.7	45.7	45.1	45.7	46.2	40.5	46.9	47.7
≥ 18000 ≥ 16000	3₹.6 38.6	41.7	42.9	43.U 43.U	44.0	44.0	45.4	45.4	45.4	45.9 45.9	46.4	40.4	45.9	47.6	47.5	47.7
≥ 14000 ≥ 12000	37.4	42.1	43.2	43.4	44.4	44.4	45.7	45.7	45.7	46.2	46.7	45.1	47.7	48.0	47.8	
≥ 10000 ≥ 9000	41.1 41.2	44.4	45.5	45.7		46.7	48.0 48.2	46.2	48.0 48.2	48.7	49.0	49. j 49. 2	49.5	50.0	50.2 50.3	50.3 50.5
≥ 8000 ≥ 7000	42.4	49.7	46,9	47.0	48.0	48.0 50.3	49.3. 51.7	49.j	49.3	49.6 52.2	50.3	50.1 52.6	30.8 23.1	51.2 53.5	51.5 53.8	51.7
≥ 6000 ≥ 5000	47.2 51.3	51.0	1	52.0 58.1	53.6 59.1	53.6 59.1	55.5	55.5	55.5	56.1 51.9	56.0	50.5		57.5	57.8 53.6	
≥ 4500 ≥ 4000	22.3 55.0	58.3	59.4 64.1	59.9	· · · · ·	60.9	67.9	67.9		63.7	69.4	64.2	64.7	70.2	70.5	
≥ 3500 ≥ 3000	5°7د 3°5	59.2	72.0	73.0		74.0	71.4		71.4	72.4	72.3	72.8	73.7	79.3	74.3 79.5	
≥ 2500 ≥ 2000	63.4	71.2	1	75.5 78.5	1 - 1	77.5	79.8 82.9		80.0	81.6	85.4	82.1	86.9	87.3	83.9	
≥ 1800 ≥ 1500	04.5	74.7	,		11.5	82.0 83.1	84.3	84.8	85.9			87.4		90.4	89.4 90.7	91.1
≥ 1200 ≥ 1000	55.1 65.6	75.5 76.2		81.1 81.8	, .	83.3		86.3	86.3 87.3	89.6		90.4		92.9	91.2	
≥ 900 ≥ 800	65.5	76.5	7 _ 1	81.8 82.1	83.4	83.9	86.8	87.6		90.4	91.2		92.4 93.4	93.9	94.4	93.7
≥ 700 ≥ 600	63.9	76.5	80.0	82.1	83.8			87.6	87.6		91.4	91.2		94.0	94.4	
≥ 500 ≥ 400	65.9	76.5	80.0	82.1 82.1		84.3 R4.3		87.6		90.6				94.2	94.7	95.2
≥ 300 ≥ 200	65.9	76.5	40.0			84.3	86.8	87.6		90.6	91.4			94.2		95.5
≥ 100 ≥ 0	65.9			82.1 82.1		84.3 84.3	-	87.7 67.7	1		91.0		94.4		95.4	,

TOTAL NUMBER OF OBSERVATIONS 604

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0 1 2 3 4 5	0 1 3 4 5 6 8
δ (or obscured)	10

HATA MICESSING MININE others ask South Hitch of Butter

SKY COVER

TOTAL FEBRUARY STATION NAME 40 MIN. PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
j in i	all	27.6	4,5	3.4	4.P	3.85) • 7	· • f	2.0	4.0	4.4	30.ª	4	2961
F 1		45.0	3.4	- 1	· . 3	3 • ४,	2 , 4:	3	3.2	3,	1.0	34.1	••	247
(P)		45.7	4.1	4,3	7,2	4.4	3,3	r . 4	3,4	5. 1	. 4	45.4	5, 1	1262
APA .		21.1	5.2	5.1	4.6	4.5	2.3	4.1	4.7	5.7	4 . 1	35,4	5, 1	, н
١٧ .		14.0	2.9	٦.,١	3.1	3.4		2,7	4	5 , I	5.1	52.3	7.1	3117
1		3.0	5.5	4.6	9	4 . 4	2.7	3.6	4.5	7.4	5 • 2	47.4	1.	111
1.4	1	9.1	4 . 5,	5.4	5.4	4.3	2.1	4.1	>•¶	5.2	12 0 7	42.5		1221
A		1.	2.6	, , 7	4.9	4.5	3.1	3.0	5,4	10.0	5 . 4	49,9	7,	327
3117		4	2.3	2.5	2.3	4,3	1 • .4	4.4	4.7	7.7.	5.5	62.4	F.1	2871
: (C.)		4.1	1.1	2.5	2.5	3.0	2.1	3.1	3,3	5.0	4.4	67.6	P . 4	707
-,-		11.5	2.6	1.0	3.1	3.1	1 . 7	3.8	2.9	5.4	4.2	58.5	7, 1	:371
100		25. 1	4 , 0	3.7	4.0	5.2	4,5	2.B	3,3	5.0	4.0	37,3	5.0	ลูกรา
TOTA	LS	15.	7,4	4.1	4.1	4.0	2.4	3,3	4.6	6.5	4.13	47.3	1.5	32336

1210WS $_{
m JUL~64}^{
m FORM}$ 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING CIVISING 17AC - 5AF ASHEMILL' - 1.C. 76301

SKY COVER

16403 Friblesch bay hit but APT

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

монтн	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN	
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
J A+	30-08	51.1	1,31	از 🖈	2.5	2.4	1.0		3.6	3.3	1.3	30.0	1 3.9	307
	03=05	43.4	1.7	2.01	3 . 7!	1,0	2.4	÷.^	1.7	5.0	•	31.1	. 4	3.12
	00.08	47. 1	. 5	5.11	5,4	2.2	2.2	1.6	1.7	4	₹.7	36.6		104
	09-11	24.1	5.7	4.0	4.3	7 و د	2, 1	3.5	4 . 5	5.5	4 .)	35.7	ئ ، ز	41,1
	12-14	43.1	7.4	5.2	7.7	3 , 0	2.	4 , c ;	3.5	4.1	4.7	42.3	5 5 2	4 -> 4
	15-17	25.a	۸, ٥	7,2	7.7	7.2	1.2	3.7	3.2	5.7	٦, 5	29.	• • • · · ·	491
	1 20	43.1	2,2	4.0	7	5.2	1.1	2.7	1.6	3.5	1 . 2	27,4	4.0	3/1
	21-,3	25.1	1.0.	2.6	٦, ٩,	t . 3	1.0	5.9	4.2	3,9	,6	22.1	3,4	310
	···													
		·									!			
													:	
101	TALS	37.0	3.5	5.0	4.5	3 , 8	1.7	3.0	2 . B	4.6	2.4	30.8	4.6	2853

1210WS FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING LIVINITH ETAC, COAF ASHEVILLE, ...C. 26801

SKY COVER

FA BING FAY OF THE APT

46-5"

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS _			PER	CENTAGE FE	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
p t	00-02	23,0	. 7	5.3	1,5	2.2	1.3	1.0	3.2	3,2]	1.1	27.6	3.7	279
	03-05	52.9	• 2	4.7	1.9	7 • I	1 . 2	2.31	2.3	1.0		26.0	7,7	259
	00-02	30.5	3.1	0.0	2.2	6.3	t.	4.7	2.5	5.4	1.3	36.4	5,8	318
	09-11	24.0	>.0	6.5	4.7	4.1	3.5	2.0	4.7	1."	4,1	37,	5.0	341
	12-14	25.3	4 . A	5,1	4.8	2.1	3.6	3.0	2.1	6.0	4,2	39,4	5,8	332
	1 1-17	20,4	6.0	4.3	6.6	5.4	e , 7	3.0	3.0	4,5	3.0	37,5	9.4	333
	11-20	39.4	3,4	4.7	0.5	5.5	7.2	2.2	2.2	4.4	į	31.9	4.4	ાટળ
	21-23	51.0	1.4	3.5	2.1	?,1	1.7	2.*	5.2	,3	ĺ	29.9	3,0	ខ្លួន
				İ						i				
10	TALS	35,0	1,4	>.1	3.3	۹.0	2,3	3.0	3,2	3,5	1.9	34.1	4.1	7470

1210WS FORM 0.9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

HATA PRINCESSING MIVISION ETAL, MACE Zamel

SKY COVER

16604 Franklinger any tot but APT

40,48-50

MONTH

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY (OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
. 1.	00-02	45.]	. 4	2.2	7.3	4 3	• **	1.7	1, 2	4.4	İ	34.5	4,4	2.0
	33-05	44.1	1.3	7.0	1.7	5.2	1.0	2.2	1.7	2.5	• 4	31.0	4.1	229
	00 - 08	22,5	5.4	6.1	· , B	1.5	5.0	2.7	2,7	6.1	5.6	39.1	5	261
	07-11	43.5	3.1	3.5	5,4	3,4	4.2	3.1	4.2	4.2	4.2	41.7	5.1	7 c 1
	12-14	22.0	5.7	2.4	2.8	4,7	7.1	2.0	3.9	4.7	4,3	41.3	5.7	256
	1,0-17	18.4	B . 2	4.7	5.9	4.7	3.3	2.3	3.5	6.5	3.1	34.7	5.0	250
	13-20	22.6	5.6	4.4	4,7	4.7	2.4	2.4	4.8	7.8	1.2	33,7	5,3	254
	21=23	57.5	3.6	4,1	: , 1	3,4	1.5	3.2	4.5	2.7	• 3	30.6	4,5	222
·— ·		-												
101	TALS	28.9	4.1	4.3	5.2	4,4	3,3	7.4	3,4	5.0	7.4	36,4	5,3	1960

1210WS FORM D-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CATA PRICESSING CIVISINA ETAG, 15AF ASHLVILLE, 783GI

SKY COVER

FATTER AND AND THE PAT

40-47,44-20

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
AFK (00 ~ 07	30.4	3.9	4.0	3.0	٥.٠	• (1)	3.0	3 . 13	>	3.0	40.0	>,5	25"
C	7 0 ≈ €	14.5	5,2	4.2	4.2	2.11	1.7	5.7	7.4	3.":	1,5	40,2	6.7	212
. ()6 ~ 0²	19.1	3,0	5.2	4.1	1.2	3.7	2.6	4.5	4.5	6.4	41.0	5.2	767
	79-11	22,1	4.5	4.1	3,4	3.4	3,4	5.4	6.6	6,9	1.0	38 ¢ 8	ر،• د	290
	12-14	20.4	£ .3	5.9	4.5	5.9	3,6	3.0	١, 🚛	r.2	3.1	34,3	5.5	247
1	1>-17	21.1	7,3	5,0	5.2	4.2	2.1	4.2	4.3	4.0	10	33,2	2.5	234
!	1 5. ~ 21)	16.0	4,3	3,7	0.7	5.6	1.5	3.7	7.1	3.9	7,8	37.5	6.7	297
	21-23	25.3	4,2	7. 4	5.5	5.5		4.2	3.0	4.2	1.7	44.0	4.1	737
· — — — · · ·														
TOTAL	LS	21.1	4.7	5.3	4.6	4.5	2,3	4.1	4.7	5.2	4 . 8	3R.4	5 ₀ ≀t	2083

1210WS FORM 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SATA PROCESSION FIVIAL OF FIAC, 1997 ASHVILLE, ... 2003

SKY COVER

16603

Frantsoff have tony ART

46=50

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY (OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
:: 5 Y	00-07	16.3	2.7	2.3	2.7	> , 6	2.0	2.1	2.7	3.7	3.7	57.3	7.3	375
	03-05	14.9	Ž . 8	1.5	1.7	3.9	1.7	1.4	3.9	4.7	6.6	56.7	7,1	363
	00 = 03	10.7	2.7	3.7	1,2	4.7	1.7	2.2	2,5	5 _e t	7.5	37.5	7,5	402
	07-11	10.7	4.2	2,5	3,5	2.2	2,.	7.7	5.5	Si . 7	7.4	50,6	7,4	4 Q .
	12-14	14,1	۲,5	5.7	3.7	3,5	, 7	4	5.5	7,7	5,7	45.7	6.3	40
	15-17	14.4	3,0	3.0	3.0	5.0	2.5	2.7	5 . 5	6.9	4.5	41,4	6.9	403
	10-20	14.1	2.0	4.6	3,6	2.8	3,1	3.7	3 . 8	7.7	5.1	49.2	7.5	390
	21-23	17.0	1.6	2.7	5.7	3.4	1.1	2.7	2.9	5.3	4.5	55,2	7.1	377
- · -	!													
					1									
τO	TALS	14,^	2 , 0	3,3	3,1	3.4	2.0	2,7	4.0	6,3	5,9	52,3	7,1	3114

1210WS FORM 0-9.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PATA PROCESSING PIVISION FTAGE HISAE ASMEVILLE 26801

SKY COVER

166.3

FROSTSIER BAY OUT THIT APT

46-24

MONTH

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS (L.S.T.) MONTH

TOTAL NO. OF OBS. MEAN TENTHS OF SKY COVER 57.2 190 100-02 9.7 3.6 4.4 0.8 3, 3 3.1 2.6 2.61 6.4 53. H 7.4 190 03-05 10.0 4.9 7.4 1.5 4.4 • 5; 4.1 6.7 7.4 8. 5.9: 54.1 140 90-06 3,1 3,3 4,4 3.5 1.0 4.4 4,5 09-11 5.9 7.4 2.8 4.4 4.6 5.4 11.3 7.1 340 3 . 4 5.7: 8.7 39.3 369 8,2 9,5 5.4 5.4 17. 12-14 4.1 4.4 2.0 5.7 337 15-17 10.3 6.7 7.1 4.4 3.3 5.1 3.6 9.7 40,4 6.5 101 10.5 41.7: A . 6: 189 5.7 18-20 11.1 6.2 5.7 4.6 2.3 3.4 47.R 149 14.1 4.4 5.0 3.1 3.3 1,3 2.3 5.1 6.2 TOTALS 5,5 4.6 4.9 2.7 3.8 7.4 47.4 7.01 3116 9.5 3.6

1210WS FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAGE ONER ASSERBLUE .C. ZERGI

SKY COVER

166

- ER PINCER SAY OUT OUT APT

40-50

1, 1

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
Jok	00-02	11.4	4,2	5	5,2	% € ()	2.5	4.2	۹,٥	9.4	3.2	44.9	6.7	40
	03-05	12.9	4,2	4.0	4.0	1.5	3.7	2.5	6.5	r.7	5,5	46.7	6.9	403
	06=08	12.4	4,2	6.7	3,5	4.0	2.0	2.5	5.2	7.2	5.0	46.9	0.5	401
	09-11	9.5	t . B	3,4	5.5	2,5	2,5	5,5	5.0	و و و	9 . 3	41.3	A ₄ t,	400
	12-14	7,7	6.2	5.7	٥.٠	4 • C	2.7	3,7	6.0	12.2	n . 2	38.1	6 ₽ R	402
	19-17	7.2	4.2	5.2	6.7	5.5	4.2	2.7	5.7	9.2	8 . G	40.4	6.7	40
	10-20	5.5	5.2	5.5	6.2	5.5	5.0	3.7	7.4	10.9	9.9	33.2	7.0	403
	21-23	5.9	3,5	6.5	7.2	6.2	3.6	8.2	5.7	7.7	4.0	43.2	4,9	40
	<u> </u>													
													L	
101	TALS	9.1	4.8	5.3	5.4	4,3	2.4	4.1	5.8	9,2	6.7	42,4	5.9	3720

1210WS FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING MINISTAN ETAC, USAF ASHEVILLE, e.C. Zebu:

SKY COVER

10603 FRONTS-FLORE WAY NOT DOUT APT

STATION THE STATE OF THE STATE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE {FROM HOURLY OBSERVATIONS}

PERIOD

MONTH	HOURS _			PERC	ENTAGE F	REQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	В	9	10	SKY COVER	085.
atio	00-02	7.4	3.0	5.5	٠,٥	4.7	2.01	2.7	٦, ٢	8.0	4.5	50.9	7,3	41)3
	03-65	4.7	2,5	3.2	6.0	4 . n	2.5	3.2	5.0	6 °C	7,9	55.1	7.	491
	05-08	2.7	5.0	2.2	2.7	5,91	2,2	3.5	5.0	£ • 9	н.7	53.1	7.4	4¢3
	09-11	1.0	2.2	2.7	4.5	4.3	2.2	3.0	h • 0 ;	e,7	12,9	21.9	£ . 2	403
	12-14	• 2	1.2	2.7	5.7	5.7	5,5	3,5	7.9	14.0	10.2	45.4	9.0	403
	15-17		1.7	3,2	4.2	4.7	5.7	5.5	5.2	14,9	11.2	43,7	7,3	403
	15-20	2.0	2.2	4.7	4.7	3,5	1,2	5.7	6.0	11.2	7,9	48.9	7,8	403
	21-23	5.7	3,2	5,7	7,7	4.2	1,7	3.7	4.2	10.5	3.0	50,1	7,3	401
									-					
	-								- † 			~_ ~_ ~		
TO	TALS	3.0	2.6	3.9	4,9	4.5	3,1	3.8	5.4	10.5	2.3	47,4	7.A	3242

1210WS FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CATA PRICESSING CIVISINA

Alac, 1966 ASHF MILLE, .C. 2081

SKY COVER

1

40=49

93.0

STATION

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		· · · · ·	PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	OBS.
3FF	00-02	5.7	1.9	4.0	3,61	1.7	1.9	3.0.	5.3	3.1	2.2	59.7	7,5	3 0(
	03-65	5.0	1.7	Z.2	2.5	or _∎ f.	3.5	3.9	3 . 3	n•2	4 . 5	58.6	\mathbf{a}_{\bullet}	35
	06-03	7 , 3	1,5	1.4	2,2	2.1	2.2	2.5	4.0	9.2	4.9	59,7	R , 4	36.0
	09-11	3.1	2.5	•6	• 8	1.9	1.7	2.2	4.7	5.0	3046.	66.4	۹, ۷	36:
	12-14	2.5	.6	1,1	1.9	2.4	1.4	3,9	4.9	6,9	2.6	67.7	5.7	741
	117	2.2	, 5	2.5	2.2	۵.5	1.1	3.6	5.3	6.1	1.01	64.7	5.6	161
	120	3.7	. 3	3.1	3.7	4.7	1.7	3.3	5•0	10.0	3,1	07.	1.1	301
	21-27	5.4	1.1	4.7	3.6	7,2	1.4	5,3	4.2	5.0	• a	60°3	7,7	٦.,
												·		
TO ¹	TALS	4.2	1.3	2.6	2.3	4,3	1.0	3,6	4.7	7,2	5.5	62.4	A . 3	297

1210WS FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING MEVISION ATACA USAF ADMENIELE A ... C. PAROL

SKY COVER

1600 TO THE FOREST AND DAY OF THE TOPT

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	CENTAGE FR	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
of i	00-02	7.1	ذ.	4.4	4.3.	1.01	• • •	3.2	2.4	3.1	2.7	69.1	4,1	372
	03+05	4.1	٤.	2.2	2,4	3.4	3.2.	2,4	7.4	4,5	2.4	11.2	9,5	377
	Co≖ob	1.5	, 3	(.9	2.2	2.7	1,7	1.3	3.2	4.6	6.0	12.0	я . .Э	312
	09-11	2.7	1.1	2.1	. 3	3.0	3.1	3 . c	4.5	7.0	5.61	66,3	8,6	377
	12-14	2.4	1.3	1.5	3.3	3,5	9.4	1.7	3 . "	7.5	7.3	63.2	4,4	77.
	15-17	2.4	1.3	2.7	2.2	2.4	2.7	4.0	4.6	7.	7.1	55.0	3,5	377
	13-20	5.7	1.3	2.2	3.2	3.0	1.4	7.1	3.2	3 , "	3,0	57.8	P.7	372
	2)=23	v • ′>	1.04	7.6	2.7	4.1	1.1	2.7	2.2	5.4	2.7	64.5	7.7	370
	··										· · · · · · · · · · · · · · · · · · ·			
	·							-			-			
.,	·													
TO	TALS	4.5	7.1	2.4	2.5	3,0	2.1	3.1	3,3	5.0	4,4	67.6	F . 4	و 974

1210WS FORM 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PATA POUL SSING SIVISION FTAL POSAF ASHFYREEF ... Zemut

SKY COVER

STATION FIGURES AND STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
	00-02	17.6	2,4	3.4	4.7	2.4	• 7	ان و د	٠,٦	A . 7	4.1	58.4	7.1	290
	03=05	10.1	4.2	3 . i	7.4	1.7	1.	3.5	1.3	2.	3.5	59.7	7.1	766
	36-08	7,4	2.7	4 . 4:	7.4	7 . C	1.7	. 3	4.4	A 4!	7. 2	69.5	7, ,	201
	09-11	3.7	3.0	3.7	2 € C	2.7	1.	2.7	5.0	0,3	7.3	58.7	n , 2	360
	17-14	3,4	3,3	3.0	2.3	5.4	3,7	5 • 5	1.7	9	4.0	57.7	7.9	249
	15-17	5.1	2.3	5.0	4.3	5.7	2.0	6.3	1.7	6.3	3.7	56,3	7,5	306
	15-20	16.7	1.7	4.0	4.0	3.3	1.3	3.3	3 , r .	1./	2.0.		7,3	300
	21-23	1.05	1.3	1.3	1.7	1.7	1,3	4.0	3.3	4.0	1.7	38.1	7.:	279
· ·	:												-•	· · · · · · · · · · · · · · · · · · ·
	- -				<u>:</u>			+			i			-
	i													
101	ALS	11.3	2.6	3.6	3,1	3.1	1.7	3,5	2.9	5.4	4.?	58,5	7,5	Z470

1210WS FORM 0.9.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROFESSING CIVINDS PARTICLE OF THE PROFESSION CONTRACTOR PROFESSION PROF

SKY COVER

1600 FR BIS FF BY STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

40-60

	HOURS			PERC	ENTAGE FR	EQUENCY (OF TENTHS	OF TOTAL S	KY COVER				MEAN -TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
- + .	00 -6 2	17.1	3.1	• •	4.5	1.1	1.	٠,٠	3.1	5.61	• 9	37.5	5.	, 25
	34-05	40.3	1 • *		1,1	4.00	?.	1.5	4.1	6.5	1.5	30.2	4,01	150
	na-naj	24.3	4.2	3 • 1	4,3	5.0	4.0	1.5	2.7	6.1.	7 . 5	38.	7.5	. . .
	09-11	12.5	5.6	4,5	1.4	o, ai	1.3	4.	5.5	7. • 7	• • •	38.0	4,5	₹ p. m
	12-14	10.0	٠, ٥	4.0	6.9	1.0	2.1	, o	3 . 5	3.3	5.2	34,8	e , t	267
	1:-17	15.7	4.5	7.4	4.7	7.7	3.5	1.4	1.7	3.0	4.21	31) . 4	5,3	203
	1 -20;	43, 1	1.1	4.1	5.6	3.0	3.7	3. 1	2.3	3.4	4.4	35,7	1 4.0	2.7.
	21-23	3	2.1	2,1	4.3	• (1	3.6	4.7:	1,4	3.	2.6	34.5	4.	٠ د
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~	: :	<u> </u>	; :			:							ļ	
10	TALS	24.4	4.01	3,7	4.9	5.2	3.5	2.8	3.3	5.0	4.0	37.3	5,6	2050

1210WS FORM JUL 64 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- 3. Bivariata percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. tion is derived from hourly observations and is presented by month and annual, all hours and all years commended. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".O" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σx) . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

TATA PROCESSING DIVISION **DAILY TEMPERATURES** USAF ETAC AIR WEATHER SERVICE/PAC PRIBIGHER HAY MUT DUT APT 10603 STATION CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE MONIKAN (FROM DAILY OBSERVATIONS) MAR ≥ ≥ 3.2 70 8.6 _ ≥ 65 . ≥ 10,0 35.8 25.1 ≥ 13.9 02.4 52.7 13.9 02.4 52.7 17.4 04.9 79.6 71.9 77.8 98.9 93.7 100.0 100.0 95.9 ≥ 19,2 45,3 81,2 |≥ 45 2,0 . ≥ 40 39.0 ≥ 35 37,6 52,8 99.2 ≥ 30 ≥ 25 86,9 93.5 54.6 13.9 ≥ 20 61.6 98.4 100.0 67.0 74.3 70.8 21.1 31.2 ≥ 15 71.5 99.3 ≥ 10 07.1 32,1 20.9 28.0 80.4 100.0 91.7 3 18,1 45.0 76.1 20.6 34.3 26,6 91.2 34.5 60.5 |≥ 96.2 98.7 37.8 95.4 64.1 77.5 84.3 ≥ -5 87.8 80.4 88.9 96.2 -10 44. 45,8 90.9 -15 57.8 99,6 86.1 m 94.5 50 L 94,5 100.0 96,7 ≥ -20 73.3 99.2 94.7 89.3 100.0 98.6 97.5 81.0 ≥ -25 96.9 91,5 99.6 100.0 95.6 ≥ -30 97.4 -35 96 €0 99.1 100.0 100,0 100.0 100.0 ≥ | ≥ ≥ -10.4 -8.5 1.7 14.2 30.9 43.4 52.5 50.4 39.6 29.2 18.1 1.8 21.9 16.71216.41613.61510.741 8.328 6.636 7.913 6.620 3.471 5.89012.47514.663 24.119 243 225 235 240 279 270 279 279 240 248 240 209 2992 TOTAL OBS

USAF ETAC FORM 0.21.5 OL 1, PREVIOUS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION DATA PRODUCTION
USAF ETAC
AIR WEATHER SERVICE/MAC
16603 FRUBISHER BAY ROT DUT APT
STATION NAME

DAILY TEMPERATURES

16603 STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MILIAUM

 TEMP IOF	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
50							1.5	.4					
4.5							9.0	4.3					1,
40						3.7	36.9	33,7	. 6				7,
38	•				. 7	23.7	84.6	83.7	24,2				19.
33					3.9	47.8	95.7	96.1	36.7	1.8			23.
30		, 4		•	14.7	34 1	100.0	100.0	61.7	10.1	_ • ₽.		33.
25	. 4	7 .	1.7	1.2	32.3	90,9	- •	• •	91.7	27.4	7,9	1,9	41.
20		2.2	2.6	7.5	50.0	99.6			99.6	53.2	19.6	3,3	47.
13	2.6	- • -	- 4	12.1	56.8	100.0			100.0	76.	30.8	6.2	52.
10	2.4	3.1	5,1	19.2	77.8				••••	90.7	48,3	9.1	57.
• 5	4.4	5 6	9,4	31.7	87.5					96.6	57.5	18.7	61.
ő "	5.5	7.1	14.0	47.9	93.5					99.7	06.2	23.4	65.
- 3	11.7	13,3	20.9	57.1	97.5	-				99.6	31.7	32.5	70.
+10	19.4	20.9	37.9	70.4	99.3					100.0	91.7	41.1	75.
-15	24.7	28.4	51.5	61.7	100.0					****	94.6	33.6	79.
~20 °	33.9	39.1	61.7	93.7	Tooko						97.9	67.9	84
-25	50.4	49.8	77.0	97.1		•					98.3	8.58	88.
-30	66.1	65.8	86.4	100.0							70 4	94.7	93.
- 35 - 35	Bi.5	80.4		10010							100.0	99.5	96.
~4 0	93.1	94.2	93.2			,					10000	100.0	99
-45	99.6		100.0									10010	99
₩95 ₩50			100.0										100
- 20 .	100,0	100.0											1004
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-									,				
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MEAN	-23,1	-22.3	-14.9	-2.0	18.2	32,4	38.6	38.1	30.8	19.7	6.7	-11-1	9.
S D	13.755			13.070	10.579	3,525	4.202	3,519	4.560	7.460		14.767	24.81
TOTAL OBS	246	225	235	240	279	270	279	279	240	248	240	えりきご	299

USAF ETAC FORM 0-21 5+OL 1: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION DAILY TEMPERATURES USAF ETAC AIR MEATHER SERVICE/MAC FRIEDSHER BAY NET DIT APT EL-9013 CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE AL A (FROM DAILY OBSERVATIONS) MAR MAY IUN AUG OCT NOV ANNUAL ≥ # C 60 55 2 ≥ 8.2 43.7 52.7 ≥ |≥ 50 16,1 4.0 ≥ 45.2 2.1 45 10.0 2.2 11.5 34.4 56.3 86 .0 99 .6 21.2 55.4 89.2 ≥ 20,9 99,6 31.3 ≥ 35 2,4 4,0 7,7 10,5 4.9 10.2 14.7 24,0 ≥ 30 100.0 100.0 41.0 99.6 ≥ 25 48, P 3,0 51.2 3.3 5,8 20.8 55,9 ≥ 20 13,3 74.6 100.0 63.1 34,5 6.4 49.6 62.9 93.1 ≥ 15 84.9 12.0 60.4 10 19.5 91.0 97.6 ≥ 40.8 18.2 65.5 17.0 25.4 53.3 97.5 67.6 100.0 5 23.6 99 , 6 74,2 ≥ 20.0 26.5 70.1 100.0 P5.0 ≥ 0 39.7 75.3 12,3 36.7 2 **-5** 35.1 49,4 81.7 91,2 45.3 79.5 ≥ -10 63,C 92.9 54,3 63.2 97.1 87.5 -15 45.2 54.9 56.0 66.7 96.7 99,6 70.8 |≥ 73.2 ≥ -20 86,8 98.3 86.6 78.2 90.6 71,0 99.2 ≥ -23 100,0 93,8 ≥ -30 84,3 88,4 98,3 100.0 99.5 97.7 99.2 -35 7,56 95.9 ≥ 100.0 100.0 98.7 -40 ≥ 100,0 100,0 ≥ -45 100.0 ≥ ≥ ≥ ≥ | ≥ -17.0 -8.7 -5.5 6.0 24.6 27.9 45.6 44.3 35.3 24.5 12.4 -4.6 17.4 5.65 4.58 4.755 6.36712.50314.517 242 225 235 240 279 270 279 279 240 245 240 209 23,668 5.0 TOTAL OBS

USAF ETAC FORM 0.21.5 OL 1: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

16603

2

FRUBISHER BAY NHT DUT APT 42-50

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	אטנ	ınr	AUG	SEP	OCT.	NOV.	DEC.	ALL MONTHS
43 44 45 46 47 43 49 50	22 10 34 17 32 22 20	24 24 38 37 13 -13	31 16 25 23 28 23 16 35	35 28 38 27 32 38 26 37	344224.10143	4838 480 54 50 60 60 60 60	53 66 70 65 66 62 76 71 68	58 54 67 64 64 61 69 70	45 49 55 49 48 54	37 42 38 42 40 38 43 37	36 31 31 33 36 36 31	34 23 18 28 22 26 13 33	66 70 65
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MEAN # S D.	19.3 11.8411 248	17.9 5.678	24.0	\$2.6 5.069 240	44,6	36.2 7.791 270	67.4 4,362 279	63.0 5,268 279	50.0 4.175 240	39.6 2.446 248	33.4 2.326 240	23.7 7.448	67.0 2924

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

16603 STATION

2

FRUBISHER BAY NWT DUT APT

42-50

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WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
4 2			31 18										MAX TEMP
46 " 49 "		-13										13	MAX TEMP
44		27						.	:			10	THAX TEMP
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S. D. TOTAL OBS.		1			•	• · · · · · · · · · · · · · · · · · ·		ļ				·	+

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

16603 STATION

FRUBISHER BAY NWI DUT API 42-50
YEARS

WHOLE DEGREES PAHRENHEIT

MONTH EAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	oct	NOV.	DEC.	ALL MONTHS
42	·		-16	-29	5	19	32	32	25	16	-15	-32	
43	-32	-43	-38	-28	-1	28	33	30	<u>20</u> 21	4	-7 -32	-27	-4
44	-40		-39	6	_ Š	50	32	32	21	-6	-32	-30	-4
45	-38	-42	-24	-30	-5	28 28 28 25	31	32 32	20 19	3	-17	-31	-4
46	-44	-37	-23	-25	-6	25	30	32	19	-4	-8	- 26	
47	-43	-20		-15	~ 2	25 30	31 36	31	2 <u>1</u> 29	6	-6	-29	
46	-36	-34	-40		-2	30	36	36	29	10	-20	-35	-
49	-43	- 42	-41	-16	-15	3 0.	30	32 33	20	7	-11	- 2	
50	-46	-49	-35	-24	•	30	33	33				7	
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MEAN	-40.1	-39.0	116.5	-22.1	-3.5	26.8	32.g	12.2	21.4	4.4	-14.4	-11.7	-42.
S D	4.683	9.182	7.610	7:77	6.220	3.563	1.871	1.641	3.390	7.131	1.413	3.445	
OTAL OBS.	248	7 6 7		240	279	27g	279		240	248	240	186	292

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

16603 STATION

FRUBISHER BAY NWT DUT APT

42-50

YEARS

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL HONTHS/

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			-16 18										MIN TEMP
40			_									13	MIN TEMP
49		-42 27					•					10	MIN TEMP DAYS
							•	•					[
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MEAN S. D. TOTAL OBS.							 	•	•		<u> </u>	<u> </u>	

GATA PRIVISORS TIVES IN TTAC: SSAF **PSYCHROMETRIC SUMMARY** ASHABILLE . . C. 25001 1969 Street Fragist Kong Wat Lat APT Profe 1 alk HOURS (L S T) WET BULB TEMPERATURE DEPRESSION |F| TOTAL TOTAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 0.8./W.8./Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 74. 73 . 0 17T 11 10 • W 17 • 7 17 ٠u 14 6 • 0 65 ~ 1/ 57 . () • 0 • () •13 **.** 0 37 37 607 65 1.6 047 61 • 🗸 . (7 •0 • 17 • () 112 10 150 • 0 112 751 44 44 • (7 201 38/ 51 280 • 1 341 33 • 0 1/3 261 • 11 222 774 21 • 0: 755 354 207 4) 1009 1009 457 47 . • 1 • 0 1272 7292 322 • 4 k• 4 1776 1774 1436 • 4 631 447 41 -4 1 - 7 द्रापण ट्रावण एण्डस तर्पन 427 41 2500 2567 2612 .4 2.4 3376 381 37 1.1 2.0 ام 🐞 3001 3001 3532 3275 3113 3171 107 20 330 3777 34/ 33 2855 2253 3027 3706 12/ 31 1.2 2.5 • 0 2082 2584: 2977 407 29 1.4 2.1 2507 2510 2609 2833 -77 .7 2237 2237 2622 1473 487 · 7 2 · J 101 25 . 0 2.2 1858 1892 2143 2456 . J Z. U 241 23 1620 1059 1676 2350 1600 tons 1778 2017 1496 1503 1888 316 22/ 21 . 7 2.1 • 1 207 13 . 0 1.0 . (1 14/ 17 1307 1314 1429 1920 • q 1.0 191 1.3 • 0 1207 1306 1361 1545 1194 1190 1171 1444 447 13 . # 1.2 17/ 11 1116 1127 1211 1427 1252 1265 1218 710 ·* 1.3 . 1 1.4 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. - 80 F - 93 F Dry Bulb Wet Bulb

BATA PROCESSING GIVISION ETAGA USAF **PSYCHROMETRIC SUMMARY** ASHEVILLE. ~. C. 268€1 PRIBIGHER BAY HAT UST APT 16603 44-50 STATION NAME STATION MONTH Publ 2 ALL HOURS IL S TI WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1024 1100 1212 1104 1119 1121 1079 1110 61 41 993 999 1046 1307 999 1017 1011 (252 • J • U 07= 1:0 1125 1135 1123 887 • 7 1209 1232 1274 21-3 450 1047 1043 410 990 993 1030 1145 970 996 <u>₹₹</u> #7Z 915 887 • 0: 996 -19/-11 •) 905 1024 . 0 R 6 3 983 H [31 -15/-13 . 3 9ZC P20 748 . > 7581 751 561 771 747 . 5 7775 847 .0 • 0 695 959 709 868 . 6 735 1026 • 11 .0 734 624 د . • 0 • U: 697 970 733 724 , 4 807° 1015 .0 ·U 681 562 -261-27 . 4 . 0 511 519 521 . () v31 491 **=28/=29** . 3 · U 42 F 743 292 30/-31 . 2 385 593 375 430 -32/-33 0 6 288 465 329 502 176 445 550 34/-35 • 1 203 339 -367-37 47 36 301 • 17 = 18/=3° = 40/=41 • 0 211 212 310 101 -421-43 5 45 218 . U -44/-45 12 193 127 =4º/=47 156 -50/-5t 140 +32/+33 66 -54/-55 878/857 218 77 Mean No. of Hours with Temperature Element (X) No. Obs ≥ 73 F - 80 F - 93 F Rel. Hum. < 0 F ≤ 32 F ≥ 67 F Total Dry Bulb Wet Bulb

ETAG, EIS Abhlylli	SAF LED - CO	23901						PSYCH	IROM	METRI	IC SUN	MAR'
16633	Fulsita	HER MAY	841 B	THA TE		42-50						ALL
STATION			TATION NAME	£				YEARS	<u>-</u>			MONTH ALI OURS IL S T
Temp.						RE DEPRESSION				TOTAL	TO	TAL
(F) 보다 ^ / 보 는 1	0 1.2	3 - 4 5 - 6	7 . 8 9	- 10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 2	0 21 - 22 23 - 24 2	5 - 26 27 - 28 29	- 30 - 31	D.B./W.B.	Dry Bulb Wet	Bulb Dew Poi
≖bg/wp3 foli st:	ोठ । प्रोप् य • अ	ा.ज अस	1.3	.0		. I .T			•		65051°	
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Element (X) Rel. Hum.	Σχ ² 35035	78*0 4:	2× 253445	75.9	12.797	No. Obs.	≤ 0 F ≤ 3	Mean No. 2 F ≥ 67 F	of Hours w ≥ 73 F	ith Tempe	rature - 93 F	Total
Dry Bulb			175141 183871	1801	74.371	63031	2775.2590	1.7 10.9	1,4		73,	7750.0
Wet Bulb Dew Point			1939GZ		24.017		2499,7617		-	i		8760.0

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DATA PRICESSING UTVIST OF FTALL ISAF ASSEVILLED .. C. KSO 11

PSYCHROMETRIC SUMMARY

| 10073 | Folial + 16K | FAY | FAT | 26T | 6PT | | | 49-50 MONTH PARE 1 ALL HOURS & ST.

Temp.							WET	BULB T	EMPERA	TURE I	DEPRES	SION	(F)						TOTAL			TOTAL	
(F)	0	1.2	3 4	5 - 6	7 - 8	9.1	0 11	- 12 13	3 - 14 1:	5 - 16	17 - 18	19 - 2	0 21 - 1	22 23	- 24 25	. 26 2	7 . 28 29	. 30	- 31 D.B./W.E	Dry	Bulb W	et Bulb D	ew Point
401. 30			• (11			•							-							Į.	1		
38/ 37										1									į.			1	
34/ 33	• ਹ	•	•	•		•	- +		•	•			•	•	•	•	•	•	. 11	51	16.	T	7
327 31	• (1	-	n (#			1													1.	5	3.5	17	6
301 29	• 17	• 25	•	•	. –	•		• •		•		•		•		•	•		1.1		13	Su	- 3
26/ 27	. 2	• 1.																	1 13	2	3.2	14	12
541 53	- 4	-		·		*				- •			. —						T		1.2.	<u> </u>	17
241 23	• 4	:																	1.0):	11	16	11
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407 13	• G	• 14										I .							41	5	45	25	4
187 17	• 7	. 7	- •	•		•	•		•			•							ं हा). 	50	30	35
16/ 15	• 6	• 5																	5	<u>.</u>	51	62	50
14/ 17	• *	• 7		•		•	•	•	•	•		•	•	•	• •				6	2	57	34	3.0
12/ 11	اد .	• (4																	5		51	56	90
-1	• 7							*- ,		•		•			* 1				(*)	7	52	21.	3.9
►/ 7:	• 4	• 7																	*	2	54	# C	53
- tr - 5	1.1	.7		- •		•	•	• •		•	-		•		•				7	5	70	69	7.5
47 3	• !	1.0																	7	Ηi	70	19	64
- 2 7 - + ·	1.1	1.3	·	· •			•	•	•	- •						•		•	117	7	152	98	- सम
n/ ti	∠. u	6.4																	1.6	2: 1	164	155	40
- 214 3 +	1.3	2.0		·															†	5' "]	147	146	53
- 4/- 5	1.3	6 . 3																	15	7	169	143	92
# 37# T	₹,0	2.1	-			•	+ -					÷			_				150	F 7	[6].	177	35
- 21- Di	- A • 7	100										i							160	5]]	180	174	30
-10/-11	Z . L	-t - 4	•	•			- •						1							•	37	141	134
-12/-13	7.3	1.																	15	۱ ا	70	142	111
<u> </u>	7.67	7.1		+		•		• •			. —				*			+	17	5 4	रतन	166	36
-15/-17	3.2	2.4											1		i			ı	2.)	6	41	199	150
=14/=19	7 . 7	3:3		•		•		•		:		•	÷						22	7	80	208	153
-29/-21	2.7	3. +											i	- 1	İ				236	4	81.	243	113
-221-23	7.7	3.3	∵ •ੁਂ€			•	- •		- +	†			1			-			207	z 7	PU	306	130
-24/-25	1.0	2.4	• 1;							ļ		1	1	İ	i	-			208	5) 2	135	204	147
-25/-27	107	7,5	- -T	- 1			÷	- †		· · · →			 		+				177	·	87	173	145
-111-19		2.3	• 1.					İ	į										170	7	186	160	90
Element (X)		Σχ2			×		X		σ,		No. Ol	5.				м	ean No.	of Hou	rs with Temp	eratur	•		
Rel. Hum.													-	0 F	< 32	F	≥ 67 F	≥ 73	F > 80 F		93 F	To	tal
Dry Bulb													<u> </u>		<u> </u>		_	1	i			<u>i </u>	
Wet Bulb						\Box														Ĺ		1	
Dew Point										-			1									1	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS JUL 64 0.26-5 (OLI)

DATA PROCESSING MIVENER ETAC: USAF **PSYCHROMETRIC SUMMARY** ASHEVILLE, ... C. 25001 FROM TO TO MAKE THE BIT WAT 41-50 15663 STATION STATION NAME MONTH Prit & all HOURS IL S T Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point le tel 143 القرارا -32/-33 151 140 116 = 347=35 1.5 • 4. 74 145 A 5 140 381-17: 13° 124° 163 . 1 70 . 7 22 110 もう ٦Ţ. 57 -441-45 51 7 -44 = 207=11. 47 70 79 75 +98740t. =027=63. 1,1 1 1325 PREVIOUS EDITIONS OF 0.26.5 (OL1) 1 FORM JUL 64 No. Obs. Mean No. of Hours with Temperature Element (X) 0F 732F 078.3 741.5 379.9 743.6 573.2 743.6 200335 Š Rel. Hum. > 67 F - 73 F - 80 F - 93 F Total 744.C 77580- 15.7-17.690 C BOR 7497236 Dry Bulb 1441375 12-1-12-173 3817 T 40200= 744.0 We: Buib 63076- 20.5-17.677 744.5 3325 Dew Point

A IF IED	JAN 70 USAFETAC/DS-	UT. BAFFIN 15	SBIE-WO-FF		ANADA. HE-	
4 °F 4						
				END part rinked 7 81		

DATA PROCESSING DIVISION ETAL, USAF PSYCHROMETRIC SUMMARY ASHEVILLER TO CO 240MI 106/3 FAR BELIEFER PAY NOT BUT APT 43-30 STATION STATION NAME YEARS MONTH FAUL LALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B..Dry Bulb Wet Bulb Dew Point 36/ 33 • b) ė 347 33" 12 17 12 32/ 31: ij 10 **30**7 291 17 13 11 17 201 27 . . 7 14: • 257 27 24 74 20 241 23 651 25 20 721 Z1. 74. 75 27 207 13 24 32 15 18/ 17 . 1 73 20 32 16/ 17 • • • 251 26 19 51 14/ 13 12/ 11: 1.6 +9 44 107 1.3 1.7 67 32 50 87 . 4 1.00 47 1.0 .7 77 57 THIS 1.4 1.6 13 77 68 40 2.0 1.0 117 115 107 54 0/- 1 2.4 1.5 127 131 ن 4 7/-3.4 1.3 157 157 26 - 4/- 5 2.2 1.4 114 120 117 101 207 107 128 133 127 134 1.01.2.4 8/= 9 105 132 144 119 =10/=11 202 302 121 147 134 105 -12/-13 -14/-15 2.1 1.5 118 144 11" HQ. 10 200 137 175 122 33 -10/-17 1.0 2.7 147 F 4 1 19 220 -1+1-10 201 200 FΔ 1 3 3 230 175 -20/-21 209 200 178 660 176 104 -22/-23 3.7 2.3 136 274 100 -24/-25 3.5 2.5 198 104 306 175 =25/=27 1.8 2.3 743 142 147 111 157 -28/-29 2.0 2.0 150 204 32 Σχ Σχ Element (X) σx Mean No. of Hours with Temperature Rel. Hum. : 0 F Dry Bulb Wet Bulb Dew Point

RATA PRICESSING SIVISINA PRACE USTR ASHEVILLED . C. 230"1

PSYCHROMETRIC SUMMARY

STATION			STATIO	N NAME					-			EARS			t -	мон и Gf: Z ноurs ii	AL
Temp.					WET BUL	B TEMPE	RATURE	DEPRESSIC	N (F)					TOTAL		TOTAL	
(F)	0 1.	2 3 4	5 - 6 7 -	8 9.						. 22 23	24 25 26	27 28 29	30 31	D.B /W.B.	Dry Bulb \	Vet Bulb D	ew Po
307-31	3.4											···		122		124	7
32/-33	4.4				1									115	171	110	16
34/-37		• 7	•	•	i			•			•		•	· (19)	174	877	17
30/-57	• 14	¥ .												1.3	-	41	7
/=		•												•	±£.	7	5
40/=41						•									41,		- 2
477-43															ा क		
44/-45																	
43/#47								•						·	4	-	
44/-49															<u>.</u>		
307-31																	•
52/-53						·											- 6
54/=55		1															
36/-57		<u> </u>														_ · _ •	
587450 -07-61																	
100/-61 1171 L	-						•		- +						4577		1
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	Ex		Σ χ		×	σ _x		No. Obs.				Mean No.	of Hours v	with Temper			
	Σχ ²	387603	174	617	00.0	2105		78		= 0 F	s 32 F	- 67 F	of Hours v	with Temper	ature > 93 F		otal
Rel. Hum.	2	243459	70	735-	15.7	12.8	6.3	787 451	79	500,4	505.6	- 67 F				(.72,
Element (X) Rel. Hum. Dry Bulb Wet Bulb	2	587603 243494 241203 460800	70 37		00.0	15.9	73	78))		505.6	- 67 F				6	

FORM JUL 64 0.26-5 (OLI)

PIACA USAF ASHEVILLE . . C. EMBAL 16603

DATA PROCESSING DIVINION

PSYCHROMETRIC SUMMARY

FREESHER CAY MUT DET APT 42-40,48-50 STATION STATION NAME MONTH PAGE 1 ALL

Temp.										DEPRESSIO						TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 19	- 20 2	- 22 23	. 24 25 . 2	26 27 - 28 29	30 - 31	D.B./W.B.	ry Bulb W	at Bulb D	ew Point
36/ 35		• 57			_	1										T	I		
34/ 33		• L					1			i					'		3	1	
377-31	.7.	. 4	•	•	•	•	•				•	•			•	1.2	15	11	7
30/ 43	• 4															: d	26	17	4)
787 27	• 1	, 3			•	• -	•				•	•	•		•	1.4	14.	17	3
261 25		• 46														7	7	G	1.5
241 23	• 17	• 7.				•				• • • • • • • • • • • • • • • • • • • •		• .	•		•	100	10.	F	13
121 61	• il	. 51	• 🕠													23	5.3	13	7
501 10	- 1	.,				* -	•				•	•	•		•	71	.51.	23	- 1
18/ 17	• >	• Q														50	50	50	14
167-15	1.3	1.1				•	•				-		• -		-	. 59	89	31	78
14/ 13.	1.4	1.0														o R	84	92	49
127 11	1.3	1.6				·	•				•	•				. 42	92	- 41.	92
10/ 3	1.7	2.2					1									141	141	127	44
8/ 7	1.3	1.0										•			•	117	117	125	82
6/ 5	2.0	1.6														140	141	127	103
4/ 3		2.1			·	-	-	· · · · · ·			• •		•			155	166	152	121
2/ 1	1.0				į.		1									185	186	184	114
0/- 1	7.1	- 1			-						•					237	238	226	100
- 2/- 3	- 1	2.7														245	246	276	71
- 4/- 5		1			<u>i</u>					• • • • • •			+ + + +			293	- 256 -	703	140
- 6/- 7	-	3.0	- :													228	241	249	207
# 8/# #		• 1								4		- · · - •				200	215	213	271
-10/-11		2.4														208	248	212	212
=127=13		1.3									· · · ·				• • • •	125	184	162	150
-14/-15	2.0	- '				1										150	199	146	133
=10/=17		1.3				<u> </u>										106	177	114	223
-18/-19	1.4	9														1	159	-	
=20/=21			7.71						-				•-			1 BO		93	211
-22/-23	2,3		· C			1				1				ļ		130	214	137	138
=24/=25		1.7		-	-											125	168	121	160
		1.7	z.i	• 0										1		131	173	149	127
-26/-27	1.5	. 9									<u> </u>		!			91	133	100	83
-28/-29	. 9	. 7			1			ì		.	1	1	i			57	41.	36	77
-30/-31	1.1		'			1								4	i	>3	64	53	54
Element (X)		Σχί			Σχ		X	σ _k		No. Obs.				Mean No.	of Hours v	rith Temper	ture		
Rel. Hum.								i				5 O F	≤ 32 F	≥ 67 F	≥ 73 F	- 80 F	> 93 F	To	tal
Dry Bulb																			
Wet Bulb								-			$ \Gamma$					<u> </u>			
Dew Point																		1	

DATA PROCESSING DIVISION ETAL, USAF **PSYCHROMETRIC SUMMARY** ASHEVILLE, V. C. 28801 16603 FRUBISHER HAY NOT BUT AFT 42-46,48-50 STATION STATION NAME MONTH PASE 2 ALL HOURS IL S T' TOTAL TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Point

32 114 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) = 327=33 3 - 4 5 - 6 7 - 8 9 - 10 : 11 - 12 13 - 14 . 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 -34/-35 • 9 • 1 98 33 114 =36/=37 .7 46 50 -38/-39 • 0 1 7 5 U =40/#41 77 -42/-43 49 4() -46/-47 76 71 -50/-51 44 34 19 - 56/ -57 -78/-50 -00/-01: TO THE 1647 REVISED PREVIOUS EDITIONS OF 0.26.5 (OLI) Element (X) No. Obs. Mean No. of Hours with Temperature 15323340 22946n 5269 | 2.591 50F 532F 745,4 743,3 517,2 743,8 Rel. Hum. ≥ 73 F > 80 F > 93 F 1190957 30333. 5.2-14.193 4430 744.0 Dry Bulb 744.5 *0189Z 22070= 7-1-13-340 3727 Wet Bulb 1877777 34453- 14.9-17.057 3647 507.8 744.0 744.0 Dew Point

DATA PRICESSING DIVISION ETACA LISAT **PSYCHROMETRIC SUMMARY** ASHEVILLE, . C. 20011 FORBISHER HAY FRE WIT APT 42-47,49-50 STATION NAME YEARS MONTH Part : ALL
 WET BULB TEMPERATURE DEPRESSION (F)
 TOTAL
 TOTAL
 TOTAL

 9 - 10
 11 - 12
 13 - 14
 15 - 16
 17 - 18
 19 - 20
 21 - 22
 23 - 24
 25 - 26
 27 - 28
 29 - 3C
 - 31
 D.B./W.B. Dry Bulb Wet Bulb Dew Point
 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 367 35 . 1 34/ 33 • 7 TT 32/ 31 • l 11 3 1 27 307-24 ٠Ž 35 33 31 281 27 . / L. .. • 1 59 59 45 13 251 27 1.7 •17 78 77 75 33 641 23 .0. 2.1 1 12 132 100 50 221 2: 217 • 1 INM à0 20/ 11: 1.0 2.0 190 203 190 66 191 17 3.0 200 207 773 141 FORM ARE OBSOLETE 16/ 15 4.3 3.0 275 ... 173 205 231 147 4,2 377 3114 174 12/ 11 1.44.3 362 304 312. 244 107 204 404 134 ষর্চ 317 317 8/ 1 7.8 3.3 242 290 310 245 61 3.5 314 374 711 275 Ŧ 7:3.1 2.4 41 242 441 176 350 C. 2 8.4 217 717 223 354 2.4 2.6 134 170 262 255 2/= 1.7 2.2 207 257 254 152 4/- 5: 4.4 1.5 175 175 181 221 A/# 1,7 1.0 143 143 133 253 8/- 9 1.5 1.1 100 106 105 168 -107-11 · 1.7 1.1 128 137 140 215 1.3 1.0 -12/-11 103 121 97 120 -147-1-1.0 <u>. j.</u> 74 53 -15/-17 44 76 164 • 4 -13/-19 • 5. 31 122 -20/-21 16 25 .7 =721=73 • T 7.3 75 -64/-25 10 55 10 -287-27 17 37 -28/-29 . 1 23 Element (X) No. Obs Mean No. of Hours with Temperature 3 Rel. Hum : 0 F - 80 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING MIVISION ETAC, USAF **PSYCHROMETRIC SUMMARY** ASHEVILLER . C. 23acı FRENISHER SAY WET OUT ART 16603 46-47,43000 AFR STATION STATION NAME MONTH TARE 2 ALL HOURS (L S T) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 17 (F) = 307 = 31 -32/-33 10 =347=35 =367=37 13 ø -38/-39 -40/-41 4 =42/=03 4 -44/-45 2 45/447 -43/-49 ٥ -72/-73 2 -54/-55 OBSOLETE JATES 4660 4462 4407 THIS ŏ REVISED PREVIOUS EDITIONS 0.26-5 (OL1) 77,9 11,348 7,5 12,010 6,4 11,166 24323841 2³43 Element (X) Σχ 373431 Mean No. of Hours with Temperature No. Obs. 4462 ±0F ±32F 4660 220.8 716.3 4462 216.3 718.3 Rel. Hum. > 67 F > 73 F > 80 F > 93 F Total 800204 3007* 770.0 Dry Bulb 739174 78500 720.0 Wet Bulb 800772 1 13.398 4462 371.6 719.8 720.0 Dew Paint

DATA PRINCESSING MIVISION **PSYCHROMETRIC SUMMARY** ETAGE JUAF ASHEVILLE, M. C. 28631 16603 603 FIGHTSHER RAY - LT FICT SPT. PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 D.8/W.8 Dry Bulb Wet Bulb Dew Point 527 51 57/ 40 11 45/ 47 10 , 1 3 3 23 461 . 0) () (26 6 291 50 42/ 41 100 100 4-17 35 06 107 106 . 1 190 190 30/ 37 42 34/ 34 . 7 3. 3 Le? 376 356 254 134 . 0 34/ 33 521 32/ 31 5.14 2.5 6.1, 1.4 610 30/ 27 2.5 7.0 .0 28/ 27 2.4 0.2 .4 621 476 626 304 . 4 334 2.4 0.3 . 0 364 649 26/ 25 562 262 400 349 2.4 6.2 24/ 22 1.1 7.2 . 4 444 449 43^ 6.38 362 447 532 7 4.4 320 320 354 20/ 191 106 18/ 17 <u>• O</u> 243 295 430 1.3 2.9 743 16/ 14 1.1 2.2 147 199 224 363 139 139 299 14/ 13 250 150 160 171 12/ 11 et 1.0 103 163 103 10/ 105 1.0 1.0 153 156 122 127 .0 1.2 61 38 88 154 <u>. U</u> - - -67 105 1 4/ . 4 55 37 90 35 57 .1 • 0 • 2 71 0/-. 4 2/- 3 12 |- 4/- ^ 15 72 15 . 1 5/- 7 ic 47 32 - 4/- 7 • 0 -10/-11 -12/-13 25 13 -14/-15 Σχ Element (X) No. Obs. Mean No. of Hours with Temperature Dry Bulb Wet Bulb Dew Point

DATA PRICESSING MIVISION ETALL STATE **PSYCHROMETRIC SUMMARY** ASMENILLES .. C. 24171 156.3 FILTRIDARIA NAV EST TOT APT 42-53 + f y MONTH PAGE Z ALL HOURS (L.S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1. 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -16/-17 -16/-19 -22/-23 Tutal 6076 5076 4.1 + 5.7 Y.1 OBSOLETE ARE OF THIS F REVISED PREVIOUS EDITIONS 0.26.5 (OLI) Σχ2 Element (X) No. Obs. 491559 bl.l 10,202 152246 25.0 7.570 144479 23.8 7.229 120871 17.9 10.676 0001 0090 6076 Š 40477081 5 0 F 1 32 F Total 744.0 4363756 11.4 585.4 13.6 634.0 Dry Bulb Wet Bulb 744.0 6061 3101177 42.5 682.3 Dew Point

DATA PROLESSING MINIST IN ETAL, LOAF **PSYCHROMETRIC SUMMARY** ASHEVILLE, . C. 250'1 Inola FRISING PAYOR TO SERVE MONTH PEGE L FLL HOURS IL S TI
 WET BULB TEMPERATURE DEPRESSION (F)
 TOTAL
 TOTAL
 TOTAL
 TOTAL

 1 - 2
 3 - 4
 5 - 6
 7 - 8
 9 - 10
 11 - 12
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 27 - 28
 29 - 30
 - 31
 P.8 /W.B. Dry Bulb Wet Bulb Dew Poin
 WET BULB TEMPERATURE DEPRESSION (F) 66/ 68 .0 647 B • 1 :0 . 1 . 1 11 11 627 11 • 1 1 5 رن . ډرن • 1 . 2 . 1 177 19 1 547 57 13 . 1 25 • 1 313 . 1 30 347 5 : 4.2 • (4) 3 H 721 77 . 6 25 77 201 43 . 31 15! 75 **,** 0 . 1 137 10 OBSOLETE +5/ 45 .4 1.0 1.0 • 1 j: 7 223 123 947 43 •J 1.0 3.6 413 413 137 57 .4 2. 5.3 1.0 421 61 550 ううい 123 407 30 C . Z 4 . 4 703 7173 231 36/ 37 1. (10.0) 3.4 . 3 923 923 753 423 367 35 4. 111.14 2.7 1004 . 2 1100 1163 737 THIS 34/ 33 304 600 100 747 140 1075 1170 EDITIONS OF 12/ 11 204 200 210 745 301 24 1.2 2. 201 412 802 231 . 14 1,5 . 1 -59 39 303 281 23 7 ر 17 • z • 5i 75 344 741 63 . . 5 10 173 227 21 12 17 101 407-19 30 11/11 50 167 15 14, 13 ۷ 0.26.5 (OLI) 114.350.824.0 7.5 1.5 4989 FORM JUL 64 Element (X) Σχ≀ 404805061 Mean No. of Hours with Temperature 17.000 01.3 Rel. Hum - 32 F Total 770.0 ≥ 67 F ≥ 73 F 8777847 220083 37.0 Dry Bulb 35,5 7891904 212777 4.709 2939 176.0 770.0 Wet Bulb 0362277 27,3 173439 770.0

PATA PROCESSING MINISTER STAL . T. F. **PSYCHROMETRIC SUMMARY** ASHERILL'S SE CE 24651 16603 FRATSING TON TON P. F 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 31 • 1 • 6 74/ 12 <u>• U</u> 1 , Li • () įŸ 17 • 0 _() 70/ 50 <u>. • ∪</u> 69/ 67 . 1 • 1 • 1. • ()I 44 44 66/ 05 <u>. . ì</u> 71 . 1 . 3 04/ 6% • 1 **,** 1. آيا ہ 62/ 61 607 57 111 111 . 5 • 1 • 1 • l 55/ 57 158 100 • 0 • 0 • 0 • 75 200 56/ 55 • 3 6 OBSOLETE 2 () 355 112 22 54/ 11 2.1 2.4 1.1 3.0 1.7 2.7 3.6 1.0 57 52/ 51 • 5 30/ 40 407 321 49/ 67 20/ 300 100 527 505 • 0 . 3 712 319 A6% 712 46/ 45 . <u>. l</u> 100 600 300 00 715 44/ 47 713 702 538 713 715 936 345 42/ 41 REVISED PREVIOUS EDITIONS OF 114 1040 756 114 40/ 39 2.4 6.4 1.6 <u>3</u>7 3.4 4.6 .5 545 147 381 3 35 1002 321 511 983 150 36/ 35 2.4 2.5 117 34/ 33 258 32/ 31 • 4 • U 107 30/ 20 281 27 le 26/ 25 24/ 23 - 6187 5187 0.26.5 (OL1) 13.415.227.012.6 0.0 3.1 .9 .0 .4 1 Element (X) No. Obs. 0187 Rel. Hum. 39904224 489163 79.1 14.440 ≥ 67 F ≥ 73 F 1 32 F Total 231505 45.5 7.276 661921 42.3 5.230 249372 25.9 4.652 6187 744,0 Dry Bulb 13144937 144,0 4.7 Wet Bulb 11257415 0187 744.0 9474144 6187 49.4

BATA PRICESSIAC DIVISION ETAL JOAF PSYCHROMETRIC SUMMARY ASHLVIILLE, .. C. 28071 10603 FO STORES HAY NOT DUT APT STATION NAME STATION MONTH PAGE & ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 01 • 0 • 0 68/ 67 **.** d 10 . 1 • O 1007 5T ·U .0 64/ 63 . 1 . 2 • 1 727 151 . 1 37 37 . 1 . 0 • 0 307 37 • 0 . 5 وبان 0% . i 587 57 • 1 • 0 103 102 25/ 55 و أو ال 119 135 32 547 53 .1 1.0 ·U 7.77 33 72/ 21 .4 2.0 1.d 325 :77 • 1 146 16 . 0 • 1 · 1 1 · 4 3 · 0 1 · 9 • (1) - 5 A 207 99 •0 431 431 733 49/ 47 + 2 dec 0.5 4.4 . 4 541 361 372 137 542 450/ 450 est 4. th 4. T Zast 7117 44/ 43! 1.4 /. 1 4.4 8 50 765 . 1. 316 427 41 200 707 307 , 3 ទទព 350 100.9 3.4 9.1 2.0 - 15 407 491 909 1199 1071 907 387 37 3.7 5.3 44 • 0 30,3 543 734 1200 301 35 527: 1019 60 h 204 01 347 33 70 er (; 154 717 • 1 37/ 31 • 4 24 24 じゅ 272 377 27 28/ 271 24 207 73 77 241 23 227 21 18/ 17 6140 ·5 (OL1) 0.26 No. Obs. 61.0 Š ≥ 67 F 12337779 774049 44,3 5.037 6192 7.9 744.0 Dry Bulb 41.5 4.496 10783358 256858 744.0 6190 7.0 Wet Bulb 38.4 4.298 9221490 2374311 3190 70.4 744.0

DATA PROCESSING DIVINE ETAC, OF **PSYCHROMETRIC SUMMARY** ASHL BELLED IN CO. PARTL TATION STATION NAME MONTH HOURS IL S TI WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 56/ 55 54/ 53. $\frac{1}{1}\frac{n}{r}.$ • 1 37/ 51 . 1 10. 501 40 / 1. 1. . , <u>•</u> 0] 11. 13 481 47 11. 461 43 • 3 ۇ 24 441 43 $\widetilde{\mathcal{I}_{ij}}\overrightarrow{\mathcal{I}_{ij}}$ · L 47/ 41. <u>.</u> X 301 27.4 114 5 U 13 313 292 093 . (1) 36/ 37 4.3 c.1 3.1 36/ 35 2.7 7.7 3.1 711 799 352 1.7 755 0.0 34/ 33 3.1 2.4 2.4 32/ 31 2.3 7.3 2.3 1. 17 05. 144 667 710 74 15 29 714 855 307 23 207 27 287 20 247 20 997 5 24. 304 1.1 7.7 1.0 544 ā , a 573 •5 303 331 . 7 4.4 THIS FORM 10.3 27% 14 L1 1 108 551 49 · Ł • 7 91 457 • () 20/ 21. 351 1 3 . 1 --1 ---2 14 14 13/ 11 115 15/ 32 14/ 14 15 Thr. 190155. 221.1 4.4 .41 0-26-5 (OLI) FORM JUL 64 No. Obs. Mean No. of Hours with Temperature · 32 F Rel. Hum. Š 40467186 477974 83.2 11.145 5747 -67 F -73 F -80 F -93 F - 0 F Total 202997 35.3 5.130 192459 33.5 4.036 175105 30.5 5.991 7754 5747 Dry Bulb 274.0 73,3443 720.0 6500705 Wet Bulb 312.7 770.0 Dew Point 5537457 720.0

REVISED PREVIOUS LEIT ONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC	SUMMARY
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DATA PRICISSING PIVISE A ETACE MISH **PSYCHROMETRIC SUMMARY** AUNEVILLE, .. C. 20071 16603 FINGLOMEN PAY LAT DUT AFT 40-48 STATION STATION NAME YEARS MONTH PACE L ALL WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 27 34/ 33 • 3, 43 327 31; K.I T. e Çi 114 110 22 50 150 307 25 2.4 2.0 2414 263 214 781 77. 3.2 9.3 iT 377 397 349 175 395 261 25 2.7 D.L 270 300 374 • 1 241 23 1.7 4.1 •1 30.4 303 327 293 22/ 21: 1.4 4.4 309 309 312 115 207 13 1.9 4.11 • 1 375 376 JIR 155 10/ 17 1.7 5.7 394 3 % 4 • C 304 314 167 13 2.7 4.0 305 383 423 251 OBSOLETE 14/ 13: 1.4 3.3 245 445 273 350 127 11: . + 3.u 190 190 384 151 10/ 175 1.4 2.4 173 173 ARE •7 1.1 2.2 202 202 207 233 5/ 2.4 2.4 216 210 201 216 47 1.1 2.1 178 179 196 221 153 1.4 1.4 153 170 205 ō 0/- 1 1.7 1.7 169 171 171 157 2/- 3 1.4 1.2 150 159 164 95 4/- 5 1:3 .3 126 130 179 170 61- 7 1.4 197 107 107 185 87- 9 • 4 1.2 JI ध्रा 24 125 -10/-11 -12/-13: 50 • 9 56 51 137 . 5 • 4 45 40 48 89 -14/-15 -16/-17 52 53 77 64 . 3 11 •T **3**5. 7.3 10 • 1 -12/-10 76 • 2. 74 =501=51... • 1 11 0.26.5 (OLI) 31 13 -22/-23 12 3 ℃ -241-27 17 25 -26/-27 12 15 -787-29 78 -30/-31 27 Š Dry Bulb Wet Bulb

DATA PRICESSING DIVISION ETAC: USAF **PSYCHROMETRIC SUMMARY** ASHEVILLES ... C. 20001 16603 FRUITS HER MAY DUT OUT AUT 41-44 STATION STATION NAME MONTH PAGE 2 ALL HOURS IL S.T. Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 11 - 341 - 15 -367-37 11 -20/459 =407=41 -44/-43 -407-13 har t *7.801.0 1.0 • O 5249 5129 5128 OBSOLETE THIS REVISED PREVIOUS EDITIONS OF 0.26.5 (OLI) Element (X) 77, 9 12, 013 Mean No. of Hours with Temperature No. Obs. ±0F ≤32 F 127.2 710.7 Rel. Hum. ≥ 67 F × 73 F - 80 F 720.0 1001002 70888 13.5 13.127 3244 Dry Bulb 69439 1000943 13.0 11.734 117.8 714.7 199.0 716.6 212" 770.0 Wet Bulb 1404956 43540 5127 720.0 Dew Point

DATA PRICESSING DIVINING STAL USAF **PSYCHROMETRIC SUMMARY** ASHCHILLES .. C. KJOCE F. HTSCEP BAY GOT GOT KET 16603 46-47 STATION STATION NAME own I all HOURS L S T: WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL DB./W.B. Temp. 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 **Bulb Wet Bulb Dew Point** 347 • : 327 31 17 307 -20 ं ਹ 4 D 40 74 30 31 17 46 . 5 . . 4: 43 10 707 77 54 • T 35 51 71 141 23 .4 1.0 47 11 221 21 · > 1 · Z عر. 49 207 10 . 25 I . tal . i 9 15 • 0 43 100 17 •0 1.7 •0 100 100. フェ 72 102 131 . 61 1. J 45 85 7. 147 *** Z . 4 130 139 107 υŽ 127 111 . x 2. i 100 71 166 100 107 ਟ-ਕਾ ਭੋਜ਼ਿਯ 227 **25**4 203 72 ", 1.9 2.2 108 110 214 124 15/ 7.4 1.7 144, 200 150 207 3: 2:X 1:S 41 117 177 174 21. 21 +---100 100 137 173 136 745 0/- 1: 4.5 1.1 7/- 1: 1.7 1.7 195 主分为 192 157 ö 223 223 743 75 4/- 5 200 200 212 213 202 169 3.1 1.2 501 204 213 515 2.5 1.4 183 1 60 175 234 -10/-11 3.0 1.4 227 23F 222 142 -12/-13 3.4 1.4 241 255 250 157 =14/-15 2.5 1.4 179 211 107 176 =15/=17 =13/=19 192 1.5 1.2 169 217 187 2.4 1.7 190 725 200 212 -20/-21 2.1 1.7 174 250 159 157 =22/=23 =24/=25 2.4 1.3 .0 171 711 195 173 104 203 03 144 170 143 -ZA/-27 102 1.011.2 141 96 133 -28/-29 1.0 /3: 120 75 65 =30/=31 =32/=33 33 57 120 . 3 . 0 127 1.8 37 17 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 2 0 F ≤ 32 F ≥ 67 F ≥ 73 f > 80 F Total Dry Bulb Wet Bulb

DATA PROCESSING "IPINE & ETALL NOTE PSYCHROMETRIC SUMMARY Leps . . . Capil 15600 FEBLUAR AVIOLE MOT SET 42-44 STATION STATION NAME MONTH park & all HOURS L S T I TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WEI BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 WET BULB TEMPERATURE DEPRESSION (F) 34 40 =37/=39 -40/-41 #47/#43 दम 19 48/-40 = 50/= 51 -327-53 7) =34/=33 =36/=31 Π -38/-39 -90/+5t EDITIONS OF THIS FORM ARE REVISED PREVIOUS 0.26.5 (OLI) ₹**₹**₹\$ Mean No. of Hours with Temperature Element (X) 20374210 No. Obs. 65.8 17.866 50F 532F 470.4 743.4 434.9 744.0 Rel. Hum. ≥ 67 F ≥ 73 F - 80 F Total 744.0 1203427 23333-4.7-15.229 4977 Dry Bulb 744.0 1042173 17111-3.7-14.503 4989 2257571 744.0 543Z7m

ETAC, USAF ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

16693	FRABISHER	SAY	NWT !	OT APT		42-	50		
STATIC~		5	AN NOITAT	ME					YEARS
HPS IST	IAN		44.4.0	A 00	44.44	1116	21.11	AUC	CED.

HRS LST	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV.	DEC	ANNUAL
MEAN S D TOTAL OB	15.603	15.393	12.5- 14.0671 522	2,3 2,437 535	9,857	3.976		4.215				4.6- 15.639 592	16.3 23.582 7924
MEAN 5 0 TOTAL OB	15.647	15,883	13,6+ 13,6351 506	2.621	10.157	4.142	4.847	4.230	4,633	6.909	13.340	4,6- 15,748 364	16.4 23.667 7795
WEAN UO-08 5 D TOTAL OB	16.181	16.515	10.3- 14.6421 592	2.403	9.679	4.760	5.831	4.871	4.673	7.049	13.254	15.447	16.9 24.301 #241
09-11 5 D	16.142	16.234	5,5- 13,6911 592	1.351	8,875	5.696	5,904	5,983	4,855	25.9 6.794 738	12.974		19.0 24.544
MEAN 12-14 5 D TOTAL OB	14.4m 15.503 680	15.479	2.2- 13.1041 587	0.590	6.227	6.211	7.801	6.432	5.311	6,663	12.784	4,1- 15,029 653	
MEAN		13.5- 15.977 567	13.1541	0.096	8.229	6.419	7.946	6.671	5.334	7.081	13.6 12.993 656	15.067	
MEAN 5 D TOTAL OB	15.641	15.625	13.1681	0.570	8.685	5.904	7.401	5.802	4.840	7.074	13,217	5,0- 15,111 635	
MEAN 21-23 5 D TOTAL OB	15,144			1.404	9.191	4.658	5.899		4.560	7,185	13.343	3.4- 14.901 603	
ALL MEAN ALL S D HOURS TOTAL OB	15.694	15.903	8.2- 14.193] 4436	2.010	9.570	5,889	7.274	6.037	5.134	6,995	13.127	4.7- 15,229 4977	18.1 24.351 65051

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

16603	FR	OBISHER	BAY N	NT DUT	APT		42-	50						
STATION			STAT	ION NAME						YEARS				
HRS :L.S.T		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	oct	NOV	DEC	ANNUAL
00-02	MEAN S.D. TOTAL OBS	12.34 15.183 416	13.1- 15.2201 351	9.45 13.104 409		20.2 9.685 747		4.227	39.4 3.732 773	32.3 4.602 717	23.2 6.963 741	13.4 11.791 639	3,5- 15,066 538	16.4 20.61 735
03~05	MEAN S.D. TOTAL OBS	12.0= 15.0311 418				9.935		4.079	3.763		6.757	11.912	14.994	18.6 20.70 723
06-08	MEAN S.D. TOTAL OBS	11.84 15.548 491						4.503		4.673			3,4- 14,698 571	18.7 21.19 767
09-11	MEAN S D TOTAL OBS	15.514				8.488		4.915	4.362				3,5- 14,282 608	19.9 21.56 7 88
12-14	MEAN S D TOTAL OBS	15.245	15.733	12.903	10.182	7,811	36.0 4.737 750	5.297	4,555	4.750			14,349	20.8 21.63 794
	MEAN S. D TOTAL OBS	14.998	15.808	13.033	9.820	7.816	37.8 4.741 749	5.401	4,561	4.811	6,868	11.693	14,558	
18-20	MEAN S D TOTAL OBS	15.222	15.850	12,984	9,937	8.404	36.4 4.605 750	5,299	4,324	4.710	6.915	13.3 11.897 645	14.581	19.3 21.62 766
21-23	MEAN S. D. TOTAL OBS	14.734	15,539		10.529	9.001	34.3 3.970 749	4.622	3.782	4.642	6,993			18.8 21.20 737
All HOURS	MEAN S.D. TOTAL OBS	15,193		13,346	11.164	9.220	35.5 4.709 5989	5,230	4,496	4.856	6.800			19.4 21.35 6104

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG P FROM HOURLY OBSERVATIONS

16603 FROBISHER BAY NWT DUT APT

42-50

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HRS LST APR. JUN. SEP OCT. NOV MAY JUL. AUG. ANNUAL 3.9-16.2 30.4 37.2 37.4 29.7 19.5 8.2 11.9-13.89211.401 4.522 4.164 4.041 5.805 7.87914.39719.284 497 744 749 773 773 717 741 639 524 14.4 20.6- 22.5- 18.6-20.00 22.50 10.00 19.88020.63116.70513.85211.401 246 311 395 497 744 S D 23.677 00-02 TOTAL OBS 741 395 7221 20.44 22.54 20.84 5.34 16.3 30.8 37.5 37.3 29.3 19.4 8.1 11.94 19.97821.07716.64314.10411.366 4.507 4.051 3.916 6.001 8.08414.45419.791 03-05 S.D 23.985 711 TOTAL OBS 361 306 388 450 729 746 772 775 716 743 633 20.0-19.7-15.7-2.4-18.7 31.9 38.8 38.5 30.1 19.5 8.1 12.5-19.97021.38917.15014.14010.613 4.635 4.250 3.927 5.912 8.27614.38119.993 423 349 465 585 769 746 773 775 718 743 640 504 06-08 S.D. TOTAL OBS 20.2+18.2+11.7+ 2.2 21.9 33.2 39.7 39.0 31.2 20.6 19.88120.97816.48512.887 9.932 4.732 4.550 4.164 5.744 7.986 473 397 498 627 774 750 771 772 720 738 15,3 S. D TOTAL OBS 473 397 20.2+ 18.0+ 9.6+ 5.1 23.4 33.7 40.1 39.6 31.7 21.3 9.3 11.4-20.13420.68616.92712.057 9.291 4.815 4.875 4.632 5.659 7.83113.85418.178 471 427 518 634 773 750 774 773 720 741 643 597 15,6 12-14 S. D. TOTAL OBS 23,954 7823 20.2- 19.1- 10.7- 4.3 23.0 33.7 39.9 39.2 31.4 20.5 8.8 11.7-15.5 S.D. 19.05520.63416.54411.645 9.216 4.643 5.050 4.632 5.752 8.05714.31018.424 TOTAL OBS 452 413 514 631 772 749 774 774 720 737 644 594 15-17 S.D. 20.7-21.0-16.5- .3 21.0 33.0 39.4 38.4 30.4 19.6 8.3 12.8-19.32621.46316.68111.866 9.901 4.528 4.962 4.312 5.836 8.17014.32218.801 421 371 473 551 759 750 774 774 720 760 645 584 14.6 18-20 SU TOTAL OBS 24.432 7564 21.8 + 22.5 + 18.9 + 3.1 + 18.6 | 31.0 | 38.2 | 37.6 | 29.9 | 19.2 | 8.1 | 13.3 + 19.25421.05715.71712.89610.506 | 4.255 | 4.517 | 4.088 | 5.986 | 8.22914.34118.482 | 358 | 312 | 394 | 487 | 741 | 749 | 774 | 777 | 777 | 777 | 779 | 642 | 541 14.6 MEAN 21-23 S.D 23,991 7224 20.5+ 20.3+ 14.9+ .1 19.9 32.3 38.9 38.4 30.5 20.0 19.67921.03617.05713.39810.676 4.738 4.682 4.298 5.891 8.091 3325 2883 3647 4462 6061 5989 6187 6190 5748 5922 S D 24.01 HOURS 5740 5922 TOTAL OBS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 20001

RELATIVE HUMIDITY

16603

FRUBISHER BAY NWT UNT APT

42-50

PERIOD

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				FREQUENCY C						MEAN RELATIVE	TOTAL NO. OF
		10%	20%	30%	40%	50%	60%	70%	80°c	90%	HUMIDITY	OB5
JAN	ALL	99.7	93.9	90.7	85.7	72.5	55.7	35.1	13.3	2.7	60.3	332
FEB		99.8	94.9	89,1	83.1	68.6	50.5	32.9	20.7	9,2	60.6	288
MAR		100.0	98.4	95,5	91.0	81.8	60.6	34.1	10.0	5.0	62.9	364
APR		100.0	8,99	99,5	94,5	95.7	86.8	63.2	25.3	3,9	72.9	446
MAY		100.0	100.0	100,0	100.0	99.7	97.0	85.0	57.2	20.9	91.1	606
JUN		100.0	100.0	99,9	99.6	98.4	94.5	81.6	58.8	28,2	81.3	5989
JUL		100.0	100.0	99,8	98.7	95.8	89.0	74.3	49.2	26.3	79.1	618
AUG		100.0	100.0	99,9	99,5	97.4	91.6	78.4	55,3	30,6	81.0	619
SEP		100.0	100.0	100.0	100.0	99,8	97.4	86.5	61.6	32,6	65.2	574
DCT		100.0	100.0	100.0	100.0	99,9	98.8	89.6	59.4	10,3	81.7	592
NOV		100.0	100.0	99,6	98.9	97.5	92.7	74.8	42.7	14,4	77.5	5129
DEC		99.7	96.0	93,5	90.0	83,3	70.8	48.0	16,6	3,7	65.6	449
TCT	ALS	99.9	99.0	98.1	96.7	93.2	85.8	69.9	43.3	18,2	75.9	6003

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FRUBISHER BAY NWT OUT APT

43-50

PERIOD

JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAGE	FREQUENCY C	OF RELATIVE HI	IMIDITY GREA	TER THAN			MEAN RELATIVE	TOTAL NO OF
	IST	10%	20%	30°°	40%	50°0	60°o	70%	80°°	90%	HUMIDITY	OBS
JAN	00-02	100.0	93.3	90.4	85.1	68.3	50.6	27.8	9,8	3,1	58.4	356
	03-05	100.0	92.8	90.3	83.9	70.9	54.8	32.7	11.4	2,8	59.3	361
	06=08	99,5	94.2	90.5	85.9	75.5	61.2	39.0	11.8	2,5	61.2	433
	09-11	8, 99	93.9	91,5	87.9	76.5	61.5	37,8	13,3	2,3	61.7	473
	12-14	98,9	92.6	90.0	86.2	73.7	59.7	38,6	15,9	2,3	61.1	471
	15-17	99,3	94.7	92,7	87.8	77.2	38.2	38.7	15.5	2,4	62.0	452
	18-20	100.0	94.8	90,7	84.8	68,4	51.5	36,1	16,4	4,3	60.0	421
	21-23	100.0	95.0	88.5	52.1	66,2	44.1	25.7	10,9	1.7	57.1	358
					<u>_</u>							
				i.		:			·			
101	TALS	99.7	93,9	90.7	85.7	72.5	55.7	35.1	13,3	2.7	60.3	332

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28861

RELATIVE HUMIDITY

16603 STATION PRUBISHER BAY NWT DUT APT

43.50

PERIOD

FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST:			PERCENTAGE	FREQUENCY C	F RELATIVE HL	IMIDITY GREAT	ER THAN			MEAN RELATIVE	TOTAL NO OF
	1311	10%	20%	30%	40%	50%	60%	70°6	80%	90%	HUMIDITY	OB5
FEB	20-00	100.0	96,1	86.5	77.5	65,9	45.7	31.5	16.7	6,8	58,4	31
	03-05	99,3	93.5	86.3	81.7	65.7	48.7	32.7	17.6	6,5	58,6	300
	06=08	100.0	94,2	88.7	82.9	69.7	54.0	35,5	23.1	9,2	61.3	340
. <u> </u>	09-11	100.0	95,5	92,2	87.4	12.3	55,2	33,5	22.4	10.3	62.5	39
	12-14	99,8	96,7	91.8	86.2	70.5	50.6	33.5	22.0	11.5	62.0	42
	15-17	100.0	95.9	91,8	85.7	69.7	51.1	33.7	21.5	10.9	61.9	41
	18=20	49.5	93.8	\$6.8	79.6	65.8	49,6	32.3	21.8	9,7	59,6	37
	21-23	99,4	92.9	86.5	80.8	67.6	47.4	29.8	18,3	7.1	58,9	31
			 		+							
-												
101	ALS	 99,8	94.9	89,1	83.1	68.6	50.5	32.9	20.7	9,2	 60•6	288

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603 STATION

FRUBISHER BAY NWT DOT APT

42-46,48-50

PERIOD

MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NIH	HOURS			PERCENTAGE	FREQUENCY C	F RELATIVE HI	UMIDITY GREA	TER TH .N			MEAN RELATIVE	TOTAL NO OF
_	-1.5.7	10%	20%	30%	40%	50%	60°c	70%	80%	90°°	HUMIDITY	OBS.
AR	00-02	100.0	98.7	95.4	89.4	76.7	53.7	28.4	5.3	1.3	60.7	395
	03-05	100.0	98.2	93.0	86.9	74.5	50.3	27.3	6,4		59.2	388
	06-08	100.0	99.1	94.8	90.5	82.6	62.8	37.4	12.9	1.9	63,7	465
	09-11	100.0	98.6	97,0	93,4	86,3	67.5	41.0	14.1	3,0	65.8	498
	12-14	100.0	97.5	95,0	92.7	88,2	69.1	40.0	13,5	3,5	65.5	518
	15-17	100.0	98.4	96,7	93.2	86,0	65,4	38,7	12,5	3,1	65.0	514
	18-20	100.0	98.7	95,2	90.5	79.2	57.1	30,5	7,8	1.5	61.6	475
	21-23	100.0	98.2	96.4	89.6	77.2	53,3	24.4	4,3	,5	59,9	394
-												
101				,	;							
101	m13	100.0	96.4	75,5	91.0	81.6	60.6	34.1	10.0	2.0	62.9	364

USAF ETAC FORM 0-87-5 (OL 1)

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DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FROHISHER BAY NHT DOT APT STATION NAME

42-47,49-50

APR MONTH

STATION

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONIH	HOURS			PERCENTAGE	FREQUENCY C	F RELATIVE HE	MIDITY GREAT	ER THAN			MEAN RELATIVE	TOTAL NO OF
	-LST	10%	20%	30°°	40°0	50%	60°~	70°s	80°°	6 0°°	HUMIDITY	OBS
APR	00=02	100.0	99.6	99.2	98.2	95.8	83.1	58.4	19,3	3,4	71.7	497
	03-05	100.0	99.3	98.7	96.7	94.7	#2.2	54.9	16.7	2.9	70.2	450
	06=08	100.0	99.7	99.1	97.9	94.0	85,8	64.1	22.6	4,4	72.4	585
	09-11	100.0	100.0	99,8	99.0	95,5	88.7	67.1	28,4	4,8	73,8	627
	12-14	100.0	100.0	99,8	99.5	97.3	89.0	67.7	33.6	5,7	74.8	634
	15-17	100.0	100.0	99,8	99.4	96.7	89.2	66.6	33.0	4.0	74.5	631
	18-20	100.0	100.0	100.0	99.3	96,4	88.4	63,3	24,9	3,3	73.1	551
	21-23	100.0	99,8	99,2	97.5	94,9	86.2	59.8	18,7	2,3	71.6	487
	t	.4	1	- 4	<u></u>				_ · · · · · · · ·			
10	TALS	100.0	99.8	99,5	98.5	95.7	86.8	63.2	25.3	3,9	72.9	4462

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FROBISHER BAY NWT DOT APT

42-50

PERIOD

MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAGE	FREQUENCY C	OF RELATIVE HL	WIDITY GREAT	TER THAN			MEAN RELATIVE	TOTAL NO OF
· ·		10°n	20°⋄	300-	40°°	50°c	_ 60° n	70°°	— — — −	90%	HUMIDITY	085
MAY	00=02	100.0	100.0	100.0	100.0	99.7	96.4	85.1	57.4	19.2	81.1	744
	03-05	100.0	100.0	100.0	100.0	100.0	97.3	85.5	58.7	19.8	81.4	729
	06=08	100.0	100.0	100,0	99,9	99.6	98.2	86.1	55.3	20.4	81.1	769
	09=11	100.0	100.0	100.0	100.0	99.2	96.8	85.3	57,6	20.0	80,8	774
	12-14	100.0	100.0	100.0	100.0	99.5	95.5	83.3	53.6	21.0	80.4	773
	15=17	100.0	100.0	100.0	100.0	99.6	96.4	82.8	53.4	21,5	80.4	772
	19-20	100.0	100.0	100.0	100.0	100.0	97.2	85.1	59.8	22,4	81,5	759
· - ·-	21-23	100,0	100.0	100.0	100.0	99.7	98.5	87.0	61.8	22,9	82.2	741
					<i>s</i> :	ı	L.		:			
101	TALS	100.0	100.0	100.0	100.0	99.7	97.0	85.0	57.2	20.9	81.1	6061

USAF ETAC #08.0 0-87-5 (OL 1)

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DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FRUBISHER BAY NWT DOT APT

100.0 100.0

42-50

PERIOD

JUN MONTH

81.3 5989

58.8

28,2

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS LST	10%	20°°	PERCENTAGE	FREQUENCY C	50%	MIDITY GREAT	ER THAN	80°°	90 °₀	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
UK.	20=00	100.0	100.0	99.9	99.9	99.9	99.6	95.5	79.4	42.3	86.4	749
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	94,9	76.8	39.4	85,9	746
	06=08	100.0	100.0	100.0	100.0	99,9	96.6	85.5	60.5	30.6	82.6	746
	09-11	100.0	100.0	100.0	99,7	98.5	92.9	75.5	46.4	21.6	79.0	750
	12-14	100.0	100.0	99,7	98.8	96,3	87.6	64.4	38.4	18,1	75,9	750
	15-17	100.0	100.0	99,7	98,9	95.3	88.7	66.4	41.5	18,6	76.3	749
	18-20	100.0	100.0	100.0	99.6	97.9	93,5	80.3	54.5	23,1	80.1	750
	21-23	100.0	100.0	100.0	99,9	99,5	98.0	90.9	72.9	32,3	84.4	749

USAF ETAC 1084 0-87-5 (OL 1)

DATA PROCESSING DIVISION ETAC, USAP ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603 STATION FRORISHER BAY NWT DOT APT

42-50

PERIOD

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAGE	FREQUENCY (OF RELATIVE HU	MIDITY GREAT	ER THAN			MEAN RELATIVE	TOTAL NO OF
	-LST.	10%	20%	30%	40%	50°°	60°°	70%	80°c	90°n	HUMIDITY	085
JUL	00-02	100.0	100.0	100.0	100.0	99.9	96.8	91.5	72.9	42.2	86.0	775
	U3=05	100.0	100.0	100.0	100.0	100.0	95.7	93.8	72.9	40.8	86.5	772
	06=08	100.0	100.0	100,0	100.0	99.4	95,3	81.8	54,5	30.5	82.1	773
	09-11	100.0	100.0	99,9	98.7	95.2	87.0	66.8	37,4	17,5	76.0	771
	12-14	100.0	100.0	99,4	96.5	91.1	78.9	54.3	28.6	14.3	72.0	774
	15-17	100.0	100.0	99,4	96.4	89.7	76.7	55.0	27,5	13.8	71.6	774
	18-20	100.0	100.0	99,6	97.8	93,7	\$4.8	66.9	38,9	18.6	75.7	774
	21-23	100.0	100.0	100.0	100.0	97.3	93.4	84,5	60.7	32,3	82,6	774
	;	1		. 1	2+#		74 ¥		i	1	ı	
101	ALS	100.0	100.0	99.8	98.7	95.8	89.0	74.3	49.2	26,3	79.1	6187

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603 STATION FROBISHER BAY NWT DOT APT

42-50

PERIOD

AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				FREQUENCY C						MEAN RELATIVE	TOTAL NO. OF
		10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
AUG	00=02	100.0	100.0	100.0	100.0	99.7	98.6	93.5	77.7	46.6	87.0	773
	03-05	100.0	100.0	100.0	100.0	99.7	99.4	96.1	80.8	52.8	88.5	77
	06-08	100.0	100.0	100.0	100.0	99.5	98.2	90.5	63,4	33,8	84.5	77:
··	09-11	100.0	100.0	100.0	99,6	47.5	89.2	68.4	40.3	22.6	77.6	779
	12-14	100,0	100.0	99,7	98.4	93,8	81.9	60.4	34,5	16.0	74,3	773
· · · · · · · · · · · · · · · · · · ·	15-17	100.0	100.0	99,5	98.1	91.6	79.2	58.8	36.0	15,6	73.7	77
	18-20	100.0	100.0	100.0	99.7	98,1	88.5	72.5	47.2	23.1	78,4	77
	21-23	100.0	100.0	100.0	100.0	99.6	97.6	86.9	62,9	34,6	83.7	77
						· · - · · ·						
		· · · · · · · · · · · · · · · · · · ·	-									
101	ALS	<u>=</u>	100.0	99.9	99.5	97.4	71.6	78.4	55.3	30.6	81.0	619

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603 STATION FRUBISHER BAY NWT DOT APT STATION NAME

42-49

PERIOD

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	10%	20°0	PERCENTAGE	FREQUENCY C	F RELATIVE HUA	AIDITY GREAT	70%	80°°	9 000	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
SEP	00-02	100.0	100.0	100.0	99.9	99,9	99.6	94.7	70.3	37.4	65.7	71
	03-05	100.0	100.0	100.0	100.0	99,9	99.4	94.6	73.9	40.5	86.3	710
	06 = 0a	100.0	100.0	100.0	100.0	100.0	99.7	90.7	68.9	35,9	85.0	711
	09-11	100.0	100.0	100.0	100.0	100.0	96.7	82.4	51,3	28.3	81,4	720
	12-14	100.0	100.0	100.0	100.0	99.4	92.2	74.3	44.1	25,2	78.9	719
	15-17	100,0	100.0	100,0	100.0	99,4	93.5	76.5	53.6	26,9	80.2	720
	16-20	100.0	100.0	100.0	100.0	99,9	98.6	87.6	62.1	30,1	83.1	720
	21-23	100.0	100.0	100.0	100.0	100,0	99,4	91.2	68.8	36,1	84,8	71
101	TALS	100.0	100.0	100.0	100.0	99.8	97.4	86.5	61.6	32,6	83.2	574

2

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FRUBISHER BAY NWT UDT APT

42-49

DEDIOD

LCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (U.S.T.)	10%	20%	PERCENTAGE	FREQUENCY (OF RELATIVE HU	MIDITY GREAT	ER THAN	80%	9 0%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
067	00-02	100.0	100.0	100.0	100.0	100.0	98.7	89.7	63.4	19.4	82,2	74
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	91.9	63.1	16.9	82.4	74
	06=08	100.0	100.0	100,0	100.0	99.9	99.2	89.8	51.1	19,7	82.0	74.
	09-11	100.0	100.0	100,0	99,9	99,6	98.0	86.3	53.3	15.9	A0.5	73
	12-14	100.0	100.0	100.0	100.0	100.0	98.2	85.4	55.5	17.0	80.5	74
	15-17	100.0	100.0	100.0	100.0	100.0	99.6	91.2	58,3	18.7	81.7	73
	18-20	100.0	100.0	100.0	100.0	99,9	98.6	91.8	61.4	18,6	82.1	741
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	90.7	62.0	18,4	82.0	73
					<u>i</u>		i					- -
101	ALS	100.0	100.0	100.0	100.0	99.9	98.5	89.6	59.8	 	81.7	592

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603 STATION FRUBISHER BAY NWT DUT APT
STATION NAME

42-49

PERIOD

VCIN HINON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONIH	HOURS	10%	20%	PERCENTAGE	FREQUENCY C	DF RELATIVE HU	JMIDITY GREA	TER THAN	80°°	90°°	MEAN RELATIVE	TOTAL NO OF
											HUMIDITY	OBS
NUV -	00-02	100.0	100.0	99,5	98.7	97.0	92,2	75.0	40.4	13.5	77.G	639
	03-05	100.0	99.8	99.4	99.1	97.5	92.6	73.1	40.8	14.1	77.0	633
	06=08	100.0	100.0	98,9	98.9	97.8	92.0	73.9	40.9	13.4	77.0	640
	09-11	100.0	100.0	100,0	99.1	98.4	92.8	76.3	43,2	11.9	77.6	641
	12=14	100.0	99.8	99,5	98.9	97,5	92.2	72,9	44.2	14.4	77.5	645
	15-17	100,0	100.0	99,5	98.8	97.0	92.9	75.9	45.8	17.2	78.2	644
	18-20	100.0	100.0	99,5	91.9	97.5	92.9	74,7	44.0	15.0	77.7	64!
	21-23	100.0	100.0	100.0	98.8	97.4	94.4	76.6	42,4	16.0	77,9	642
		· · · · · · · · · · · · · · · · · · ·									 .	
			,	· · · · · · · · · · · · · · · · · · ·						1		
101	TALS	100.0	100.0	99,6	98.9	97,5	92.7	74.8	42.7	14,4	77.5	512

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

16603

FROBISHER BAY NWT OUT APT

PERIOD

DEC

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ųТн	HOURS			PERCENTAGE	FREQUENCY C	F RELATIVE HU	JMIDITY GREAT	TER THAN			MEAN RELATIVE	TOTAL NO. OF
	(S T	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
c _	00=02	100.0	96.2	93,9	88.7	82.6	67.3	43.4	14.9	4,4	65.0	523
_	03-05	99.2	95.0	92,8	87.8	82.5	70.9	44.0	13.1	4,8	64.7	491
	06-08	99,1	94.1	91,3	86.7	81.4	70.7	47.5	17.2	2.8	64.7	564
	09=11	99.7	96.8	93,9	91.5	84,9	73.9	51,6	18,4	3,7	67.0	59
	12=14	99,7	96.6	94.0	91.1	85.2	73.7	49,7	17.1	3,9	66.7	590
	15-17	100.0	97.1	94.8	91.6	84.2	72.2	52.2	19.9	4,5	67.3	594
	18-20	100.0	95,4	93,8	71.4	83,2	69,7	48,5	16,6	2,7	65,7	584
	21-23	100.0	96.3	93,5	90.6	82,3	67.5	45.5	14.6	2,6	65,0	54
		4-	·t									_
101	ALS	99,7	96.0	93,5	90.0	83.3	70.8	48.0	10.6	3,7	65.8	449

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

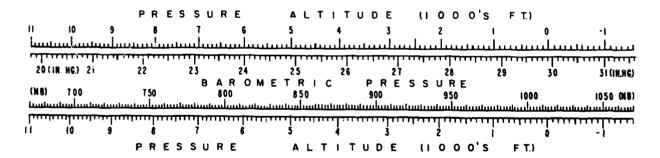
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSIFIVEST IN ETAC, USAF ASHEVILLE, USAF

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

STATION	- FM	41 "	TATE	ION NAME	. API		46-	· • · · · · · · · · · · · · · · · · · ·		YEARS			_	
			FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
S.(L.S.T.)	MEAN	20								29.684	29.618	29.718	9.707	29.7
01	S D	154					237						532	3
	TOTAL OBS	129				155	150					120	00	15
	TOTAL OF	<u> </u>								•••	1	- 164		
	MEAN	20	27.314	29.739	29.814	29.904	29.708	29.726	29.683	29.686	29.617	29.733	29.775	29.7
· ·	S. D.	of					. 239						341	.?
	TOTAL OBS	21	107	97	89		150						72	14
		[1 1									
	MEAN	01			29,886	29.903	29,772	29.730	29.688	29,693	29,623	29.7282	9.742	29.
21	. S. D.	3 4	,390										,329	7
	TOTAL OBS	>4	141	124	114	154	150	155	155	120	124	120	103	10
		1								1				
	MEAN	59	29.830	29.720	29,887	29,903	29,704	29.721	29.679	29,685	29,618	29.729	9,744	29.7
1 .	S. D.	37	.392	.324	.278	.253	.237	. 208	.194	. 234	311	, 39Q	.326	• 7
	TOTAL OBS	23	1 4 1	124	111	155	150	154	155	120	124	120	103	
	+	1												
	MEAN	40	29.823	29.710	29,845	79.889	29.757	29.709	29.667	29.660	29.616	29.7232	29.737	53.7
1 :	S. D.	34	. 397	.326	.274	.261	. 236	.203	.193	.295	.303		.326	• 3
	TOTAL OB	23	140	124	116	155	150	155	155	120	124	120	103	_ ic
		<u></u>												
	MEAN	04	29.834	29.713	29.888	29.198	29.759	29.709	29.666	29.681	29.623	29.7142	19.751	29.
1.	S. D.	31					.234			•25d	.304	.434	, 324	• 3
	TOTAL OF	2,3	140	124	117	155	149	153	155	120	124	120	103	1.4
											i			
	MEAN	00	29,040	29.721	29,892							29.7132	9,756	29,7
1 -	5. D	4	,395				. 231			.276	, 303	.407	, 323	. 3
	TOTAL OF	23	140	124	114	155	150	155	155	120	124	150	103	16
								·		i				
	MEAN	12.5		29.712								29.7292		29.7
2.5	S. D.	>9	1 1			.232	.232					• 39d	.320	. 2
	TOTAL O	64	117	94	108	155	150	155	155	120	-124	150	و ن	12
			. 6 3 - 3			- 6 65=		-0 -	_ A - A - B E					
		73							29.678	29.684		29,7212		29,7
ALL HOURS	5. D	1,)	.394			. 251	.239						. 355	• 3
1	TOTAL	9.3	1044	911	891	1227	1199	1239	1240	900	992	954	75R	125

1210 WS JUL 64 0.E

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HATA PROCESSING MEVISION FIALL MANAGEMENTS FOR CONTRACT CONTRACTOR

MEANS AND STANDARD DEVIATIONS

SHE LEVEL PRESS OF TO MAS FROM HOURLY HOSERVATIONS

166 F FIG. 1 STATION NAME 40=30

RS (LST		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN			1003.31										1010.
• 1	S D	.061	11.447	10.743	€.705	8,498	4.050	6. 39	6.45#	9.274	14.433	13,191	11.052	9,94
	TOTAL OBS	144	118	100	103	125	150	155	155	117	124	120	υó	150
١,	MEAN			1004. 1										
	\$ D			TU-THE		_					-		11.575	9,93
	TOTAL OBS	119	107	37	- 49	143	150	155	155	120	124	116	77	144
	MEAN	1007.2	1013-0	1004.01	014.4	1015.3	1010.7	1005.3	1007-9	1002-0	1005.7	1009.3	1004.3	1010.
	S D			11.051										10.33
	TOTAL OBS	124			11	135	150		•		•	120	103	161
	TOTAL OBS								137	761/	127	44.7	- 407	101
1	MEAN			1009.01										1009.
	5 D.	11.783	13,206	11.038	9,573	E . 78	4.357	7.149	6.542	6.645	11.0513	13.726	11.102	13.44
	TOTAL OBS	124	141	124	118	155	150	154	155	115	124	120	103	16)
		1906 8	1017 5	1009.71	014 4	1014 0	1010 3	1008 0	1007 3	1007 6	1008 6	1000 1	1000 7	1009.
1 :	MEAN			11.150										
	S D TOTAL OBS	154												
	TOTAL OBS		1 41	624	113	123	150	133	155	120	124	120	11.2	151
1 1	MEAN	1007.	1012.5	1000.5	1114.5	1014.9	1010.3	100P.5	1007.2	1007.7	1005.8	1009.4	1010.1	1000
	\$ D	10.365	13.347	11.27a	9.249	8.390	7.917	6.634	6.461	9.491	10.293	13.232	10.995	10.34
	TOTAL OBS	154												151
1	MEAN			1009.0										1010
	5 D 3			111.309					. •				;1	10,29
	TOTAL OBS	152	141	1 124	114	125	720	155	155	120	124	120	103	161
7.	MEAN	1000 4	11-11-2.7	1008.9	1714.4	1015.1	1010.4	1000.1	1007.	1008.0	1005.6	1000.2	1011.4	1010.
	S D			10.680										10.0
	TOTAL OBS				104		150		152					150
							100		300	3 2 13		. 20		
ALL HOURS	MEAN			1009,1										1010.
	5 D	15.41	13.379	10.939	9,369	8.448	7.964	6.623	6.512	9,460	10.360	13.179	11.050	10.15
	TOTAL OBS		1.343			1225								1254

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